

BE THE CHANGE TO CHANGE THE WORLD

Being unemployed is a waste of time and youth!

**Le Van Khanh took action to create change.
Khanh is a student of VinUni.**

According to statistics from the Ministry of Education & Training (MOET), there are on average approximately 400,000 students who graduate with bachelor's degrees per year. The percentage of bachelor's-degree graduates that are able to find employment is only between 56% to 85%. This means that there are at least 100,000 graduated students that face unemployment every year. This is an unfortunate waste of time, money, and youth.

The main issue that remains is that high school students are not given proper career orientation. Students don't have the necessary qualities, skills and knowledge to enter the workforce.

Instead of offering excuses or blaming the circumstances, Le Van Khanh joined the Young Change Maker YCM community for VinUni students, which focuses on providing information and skills training to get young people ready for further studies and work.

On YCM's EZ-Buz journey, Khanh's team visited different high schools to talk to thousands of high school students about "the patient's choice and the doctor's ethics". With the help of teachers, she helped high school students better understand the health problems plaguing Vietnamese people, the courses of study available in the field of Medicine, and career opportunities for aspiring doctors and nurses

Khanh feels that VinUni is a great example of a "startup" university - young, dynamic, and brimming with entrepreneurial spirit. For her, VinUni students are passionate young people who dare to think, dare to speak, and dare to act, and who are always ready to create changes for the surrounding communities and the broader society.

LE VAN KHANH

Student of the College of Health Sciences

Website Young Change Maker





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Why not study and be a CEO at the same time?

**Tran Tuan Minh dreams Big and acts Fast.
Minh is a student of VinUni.**

There are many young tech billionaires all across the globe, and Minh believes that Vietnamese people are capable of doing anything that other people in the world can do. However, Minh and his friends have always wondered: Why are so many start-up projects created for competitions, but never implemented? Why are there rarely any tech-heavy start-up ideas? Why are young people afraid of risks and failure?

Instead of waiting, Minh and his friends founded UpYouth, an incubator created by youths for youths. The goal of UpYouth is to connect, mentor, train, perform market research, and support Vietnamese people between the ages of 18 and 25 to establish technology start-ups.

UpYouth has a Fast, Real, Committed, and Flexible work culture. Minh himself manages the company and balances his studies simultaneously. After only 1 year, UpYouth has attracted over 2000 young people from 8 countries, and the start-up projects supported by UpYouth have received over 2.5 million USD in funding.

Tuan Minh shared that VinUni is an environment that encourages creativity and innovation. Anyone can found a start-up in any field. To establish a start-up is to dare to change, and to fail early to achieve long-term success.

TRAN TUAN MINH
Student of the College of
Business and Management

Website UpYouth





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Using Blockchain to trace the origin of agricultural products.

**Diem Quynh is responsible for the community.
Quynh is a student of VinUni.**

Millions of people have to buy food every day. As a consumer, it's difficult to identify which foods are safe to eat without knowing their origin. As a business manager, exporting Vietnamese agricultural products to other markets is also challenging without clear origin tracing.

Tran Diem Quynh, a third-year student of the College of Business and Management, and her friends from the TAMU team independently researched how to apply Blockchain technology to trace the origin of agricultural products and create electronic production logs. The procedure starts when farmers record information about the agricultural production process in electronic logs. The system will store this data on the Blockchain to ensure the transparency and authenticity of the products and prevent anyone from changing or forging the data. Finally, consumers can easily retrieve information about the products' origins through a QR code.

This project, led by Quynh and her partners, made it into the global Top 20 and received the "Business Idea with Positive Impacts on Society" award in the 1st round of the Social Business Creation 2022 competition.

For Quynh, VinUni is an environment that promotes real learning - real practice. The university always encourages students to conduct independent research and challenge themselves in different fields - even fields that at first glance might not appear relevant to their majors.

TRAN DIEM QUYNH

Student of the College of
Business and Management



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The start of the
“silver economy” in Vietnam!

**Identify opportunities in challenges.
Hong Anh is a student of VinUni.**

According to statistics from the UN, there are approximately 750 million people over the age of 65 in the world, and this number will reach close to 1 billion in 2030. Scientific progress has helped increase life expectancy. However, for many people, living longer has to be accompanied by being able to live independently, healthily, and happily.

Serving the needs of older adults living independently can help boost the promising “Silver Economy”, which will entail opportunities for tourism and entertainment, healthcare, and personalized medicine. In Vietnam, this model hasn’t received enough attention and is even frequently considered to go against Asian family traditions.

Identifying the opportunity in these challenges, Bui Hong Anh and her friends researched various business models from the most popular destinations for retirement in the world, such as California, Malta, and regions of Asia. All the models combined real estate (buying/renting houses or apartments), healthcare, medical services, and leisure and entertainment. This creates an ideal environment for older adults to enjoy life to the fullest after years of hard work and contribution to society.

At VinUni, Hong Anh has learned to identify opportunities in challenges, which has helped her grow and contribute to improving life for the surrounding communities and society.

BÙI HỒNG ANH

Student of the College of
Business and Management



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Applying Artificial Intelligence
to the development of a
smart healthcare system!

**Cutting-edge science for humanity.
Huy is a student of VinUni.**

One of the current problems in healthcare is the overcrowding of hospitals, as well as the lack of skilled doctors compared to the daily demands of citizens. Can Artificial Intelligence (AI) and Big Data help reduce the pressure on doctors by providing citizens with more affordable and accessible medical solutions on a large scale?

Nhat Huy joined the VinUni-Illinois Smart Health Center as a Research Assistant. With the guidance of his professors, Huy and his team conducted research on VAIFE - an intelligent healthcare supporting system. From the perspective of software engineers like Huy, VAIFE is considered as a “meta system” that monitors and collects information about the long-term health of Vietnamese citizens in order to enable precision medicine.

Firstly, Huy’s team focused on developing a mobile platform that was able to collect, manage, and analyze individuals’ healthcare data. Medication usage habits, heart rate, blood pressure, height and weight data,... will all be collected through a smartphone, which will help automatically alert users when they take the wrong medication or medication outside of their prescription, and provide early disease diagnosis. VAIFE won the 2022 AI Awards competition in Vietnam.

Huy was also selected as a VinUni representative to participate in a research project on diagnosing neurological disorders from videos of patients’ movements at the University of Illinois at Urbana-Champaign. There, Huy was able to conduct research according to the highest international standards and to learn from the world’s leading AI experts.

PHAN NHAT HUY

Student of the College of
Engineering and Computer Science



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Sample wastewater to
detect infectious diseases

**Trung Dung and Huong Lan
are promoting precision medicine.
Dung and Lan are students of VinUni.**

During the COVID-19 pandemic, it was extremely expensive to perform individual PCR tests on a large scale to trace and localize the disease.

Using big data to sample wastewater at high population areas can help detect COVID-19 pathogens more quickly and affordably. In the future, this technology can also help doctors better understand antibiotic usage, as well as detect pathogens of other infectious diseases.

Nguyen Hoang Trung Dung and Tran Huong Lan participated in this project at the VinUni-Illinois Smart Health Center (VISHC). The two students created an automatic wastewater sampling device that costs less than 750 USD - which is much cheaper than importing a similar device from the US for 13,000 USD.

The two students were very excited to have independently designed and manufactured a device with immediate real-world applications. They believe that VinUni is a place that always encourages creativity and science for humanity.

**NGUYEN HOANG TRUNG DUNG
TRAN HUONG LAN**

Students of the College of
Engineering and Computer Science



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Supporting children with traumatic pasts in Vietnam

**Homi Yamada and Hoang Khoi Nguyen
want to build a better world.**

Homi and Nguyen are students of VinUni.

According to UNICEF, almost 70% of children (under 18) in Vietnam have experienced abuse at least once, from physical, sexual, to psychological abuse, and more. This childhood trauma can have severe consequences on their future development.

Instead of criticizing the social security system or blaming circumstances, Nguyen Anh Thu, Dao Thuy Quynh, Yamada Homi from the College of Health Sciences; Tran Khanh Huyen, Nguyen Khanh Nghi from the College of Business and Management; and Hoang Khoi Nguyen and Vu Ky from the College of Engineering and Computer Science participated in the “Vietnam Adverse Childhood Experience Pathfinders” project. The project received support from the Centre for Supporting Community Development Initiatives (SCDI) as well as Cornell University.

With the professors’ guidance, the team went on field visits, met with children in Hai Phong, and conducted research. The methods proposed by the team aim to increase communication between family members, enhance the role of schools, and build children’s resilience and self-healing capabilities.

HOMI YAMADA

Student of the College of
Health Sciences

HOANG KHOI NGUYEN

Student of the College of
Engineering and Computer Science



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Change proactively to adapt to
the ever-changing world of industry!

**Be flexible in a flexible environment.
Minh is a student of VinUni.**

The tourism and hospitality industry was one of the industries that were affected the most severely during and after the COVID-19 pandemic.

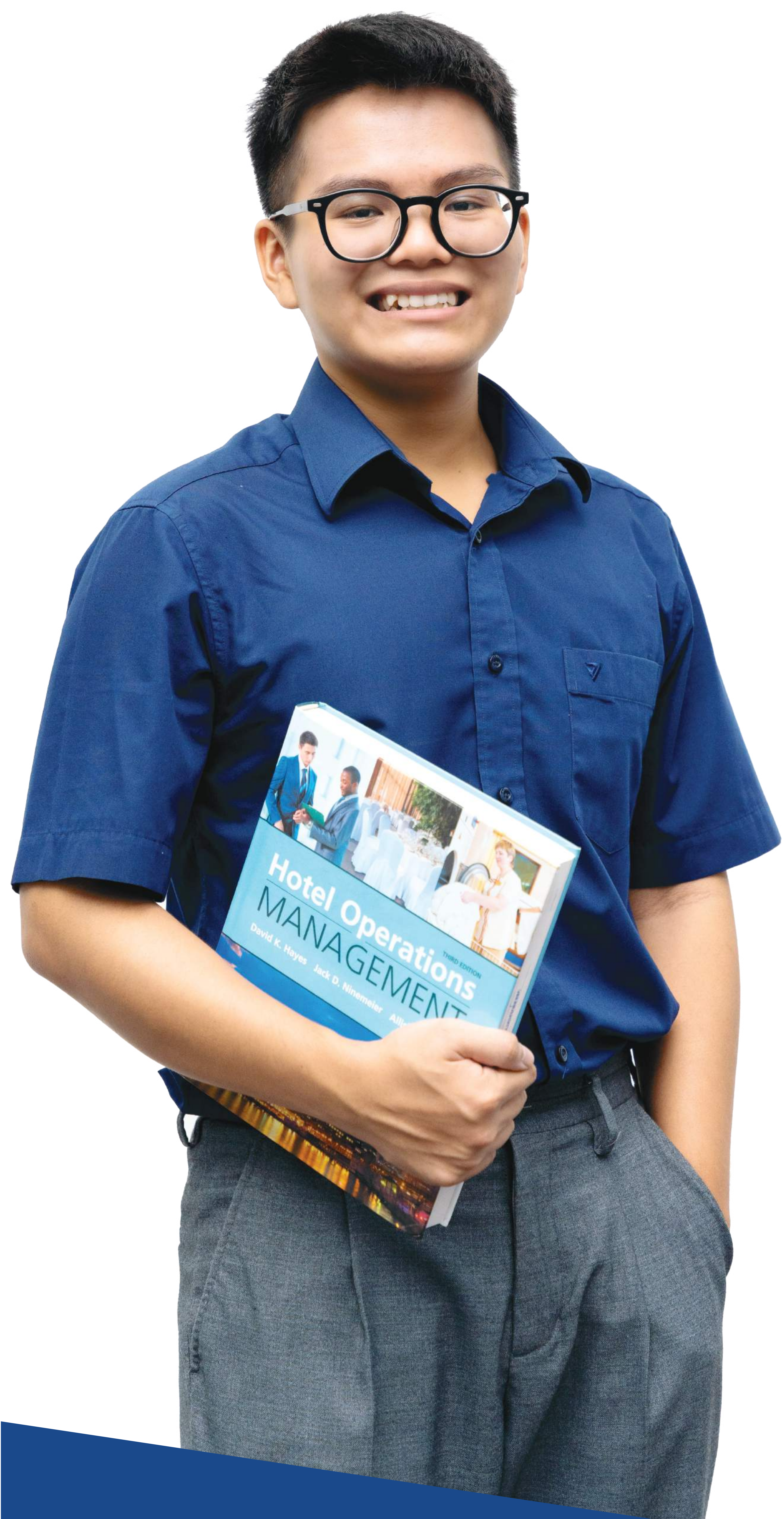
Selected into the Vinpearl GM Fast Track Program, Pham Nhat Minh had a very challenging journey during and after the COVID-19 pandemic. In the first year, right in the middle of a pandemic hot spot, Minh was lucky to get “real internship practice” at Vinpearl Nha Trang. Here, he participated directly in all stages of the service pipeline, from reception, laundry, room service, and landscaping, to technical maintenance and food and beverage. Though the work demanded a lot of effort, it also helped Minh realize how many people contributed to maintaining flawless 5-star service.

In the second year, as the Assistant to the GM, Minh assisted his direct manager, read daily reports, and participated in making a wide range of decisions. Though he didn’t have a lot of experience, he was assigned a variety of tasks and organized welcoming events for the influx of tourists that was beginning to crest. His ability to think flexibly and work in a high-pressure environment increased every day.

For Minh, VinUni is a holistic learning environment that not only teaches knowledge, but also helps students develop personal characteristics and skills by encouraging students to take part in real-world projects and jobs.

PHAM NHAT MINH

Student of the College of
Business and Management



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How is a billion-dollar corporation managed?

**Use pressure as the driving force for growth.
Long is a student of VinUni.**

Growing up in a rural town close to Nam Dinh, Long dreamt of being a start-up founder since childhood. Before joining VinUni, he had already managed a company with several dozen staff members and a monthly revenue of 200-300 million VND, and was a third-year student at a different university.

Long always wondered how different managing a global corporation with thousands of staff members would be. Based on VinUni's arrangement, Long applied to intern as a Technology Consultant at EY - a company that was selected by Fortune as one of the top 100 companies with the best working environment for 24 consecutive years.

At EY, Long gained a new definition of productivity, because everyone at EY worked seemingly thrice as hard as people from his old company. Even though the company didn't have set working hours, everyone had busy hours and packed meeting schedules. Many employees didn't leave the company until 9 PM in order to finish their tasks as best as possible. In such a professional environment, Long realized the necessity of being punctual, never missing deadlines, and always being 5 minutes early to meet clients. He also understood that to truly "belong" here, he would have to dress like a young businessman rather than a fresh-faced student. To succeed at his job and contribute to his colleagues, he had to do a lot of independent reading and research in order to develop himself.

Even though he experienced a lot of pressure at his job, if he could choose again, Long would still choose to intern at EY. He is grateful to VinUni for giving him an opportunity to enter a world-class business environment at such a young age. The pressure he experienced has now become the driving force for Long to develop his future career.

DUONG THE LONG

Student of the College of
Business and Management

