

# Nguyễn Hoàng Trung Dũng

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## EDUCATION

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- ❖ **VinUniversity** Sep 2020 - Present  
*Electrical Engineering*
- ❖ **University of New South Wales, Sydney** Sep 2019 - Jun 2020  
*Computer Engineering*
- ❖ **VNU-HCM High School for the Gifted** Aug 2015 - May 2018

## WORK EXPERIENCE

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- ❖ **Vulcan Augmetics** July 2021 - Present  
*Technical Support Engineer*
- ❖ **VinUniversity** January 2021 - Present  
*Educational Technology Intern for Vice Provost Office*
  - Research and implement new technologies for educational support.
  - Design and manage University labs and makerspaces.
  - Host technical workshops on Makerspace Safety Induction, Equipments, Machines, 3D printing and VR.
  - Assist professors in hosting Research seminars.
- ❖ **MIMOSA TECHNOLOGY CO. LTD.** Nov 2018 - Feb 2019  
*Intern*

**As a Vietnamese company pioneering in the application of the Internet of Things for precision irrigation, MimosaTEK aspires to implement technology in every farm, helping farmers to operate sustainably and have better lives.**

Followed a Rotational Internship Program in 4 departments: Sales/Marketing, Hardware/Production, Quality Control, Software/R&D.

  - Co-designed the company's billing system software.
  - Held "IoT Technology in Agriculture" conference for farmers in Đon Dương, Lâm Đồng with over 90% participants interested in the company's products.
  - Assisted in writing sales contracts.
  - Assisted production team in soldering, manufacturing electronics, assembling, and packaging while working in the Production Department.
- ❖ **TEKY STEAM ACADEMY** Nov 2018 - Feb 2019  
*Lecturer*

**TEKY is the first STEAM Academy (Science – Technology - Engineering – Art – Mathematics) in Vietnam for Kids from 6 to 18 years old.**

  - Taught and tutored Robotic Engineering for children with Arduino, Lego Mindstorms, Wedo.
  - Guided and helped students with their creative projects.
  - Assisted a team of students for Minecraft Hackathon 2019.

## LEADERSHIP EXPERIENCE

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- ❖ **VINMAKER SOCIETY** Oct 2020 - Present  
*Founder - President*

**VinMaker Society is the first engineering society at VinUniversity. We aim for the development of students' skills in engineering, through various creative projects and industry events.**

  - Provide opportunities for students to learn practical skills in engineering, innovation, and design as well as collaborate on shared ideas and projects.
  - Maintain an active community of like-minded 'makers' and providing resources, knowledge, and

technology

- Foster an environment where anyone, regardless of their background, can be inspired to turn their ideas into designs, prototypes, and products.
- Partnered with the National Innovation Center, a unit under the Ministry of Planning and Investment, to co-organized the STEAM Festival 2021 to promote STEAM knowledge. Successfully attracted 8,000 attendees, including high-schoolers, university students, and government officials to visit and experience.

#### ❖ UNSW E-REUSE PROJECT

Oct 2019 - Mar 2020

*Director of Refurbishment Department*

**Recycling and refurbishing computers, eReuse helps to reduce e-waste in the environment. After salvaging old techs, we then donate them to socio-economically disadvantaged groups in the community.**

- Our team successfully restored and donated 25 phones and 7 laptops to local High School students in poverty.
- Held 4 workshops on "How to Diagnose and Repair electronic devices" weekly.

#### HONORS & AWARDS

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VinUniversity Talent Scholarship for 100% tuition	2020
UNSW International Academic Excellence Award (10,000 AUD)	2019
Dr Vincent Lo Asia Scholarship (5,000 AUD per Academic year)	2019
Goethe-Institut Summer Course for the Youth 100% Scholarship, Germany	2016

#### SKILLS

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Language	English
Office tools	Word, Excel, Powerpoint, Adobe Photoshop, After Effect, Final Cut pro
Fabrication tools	Simplify3D, Ultimaker Cura, Fusion360, KiCad, EasyEDA
Website Development	HTML, CSS, Javascript, React, Next.js, Chakra UI, Prisma, Strapi
Mobile Development	React Native, Flutter
Programming	C, C++, Javascript, Typescript, Dart, Python, Arduino

#### INTERESTS

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Woodworking, crafting, robotics, traveling, learning, playing sports, playing guitar, and other instruments.