An Nguyen

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Profile

As a third-year enthusiast student, I can adapt to difficult situations, learn quickly and adapt to them efficiently. My greatest strength is Web programming and time management, enabling me to work with heavy workloads and diverse programming tasks. I'm looking forward to a career in Web Development.

PROFESSIONAL EXPERIENCE

Optoelectronics Research Centre - Research Assistant; Tampere (Finland)   *Jan 2021 – Present*

- MATLAB-based software development for hardware control
  - Update, optimize, and document MATLAB code interfacing with GPIB.
- 3D modeling, assembling a setup for simulations of semiconductor devices
  - Used SolidWorks for accurate modeling of the setup and KiCad for electronic design
  - Upgraded an in-use setup so that simulations can have **two** times more wavelength range.
- Runs simulations for discrete laser

PERSONAL EXPERIENCE

Web Development   *Nov 2021 – Present*

- Learned and built full-stack websites and applications with React.js:
  - Face recognition website
  - Shopping website
  - Meal ordering phone application
  - Portfolio website

EDUCATION

Tampere University | Bachelor of Science and Engineering; Tampere (Finland)   *Sep 2020 – Present*

- Major: Software Engineering
- Minor: Human-Technology Interaction
- Courses: Data Structures and Algorithms, Relational Database, Web Development, OOP, Functional Programming, Data Intensive Programming, Audio and Image, and Audio Processing, Machine Learning
- GPA: 4.33 / 5.0

SKILLS & INTERESTS

Programming languages: Python, C++, Java, Javascript, MATLAB, SQL, Haskell, Scala
Technologies: React.js, Node.js, React Native, Git
Soft skills: Time management, Active listening
Interests: Soccer, Badminton, Gym, Magic
Languages: Native English and Vietnamese