Aaron Nguyen

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EDUCATION

University of Central Florida — Orlando, FL
Bachelor of Computer Science — Expected Dec 2024
GPA: 4.0/4.0; President's List 2021 - 2022

Ton Duc Thang University — HCMC, VN
Bachelor of Law — Aug 2014 — May 2018

EXPERIENCE

Microsoft — Redmond, WA
Software Engineer Intern — May 2022 — Aug 2022
- Engineered **extension system** for Microsoft's open source quantum circuit visualizer library
- Developed **03** extensions allowing users to add, modify, and drag & drop quantum gate on circuit

NASA — Huntsville, AL
Software Engineer Intern — Jan 2022 — May 2022
- Designed submission & management system for **Deep Space Food Challenge** worth **$1M** in price
- Upgraded existing service allowing **250+** teams to participate in the competition

U.S. Army Reserve — St. Petersburg, FL
Technology Support - Combat Medic — Nov 2019 — Present
- Increased productivity **90%** by automating Digital Training Management System
- Provided technical support to **30+** soldiers at hospital unit

PROJECTS

Litkode — Jan 2022
- Led 4 engineers to create technical interview prep web application using JavaScript and Python in 36-hour hackathon
- Deployed to Linode VPS with reversed proxy, firewall, and SSL certificate

Check-in.app — Nov 2021
- Designed student appointment check-in web application using TypeScript
- Containerized front-end, back-end, and database using Docker

SKILLS

Languages: Python, JavaScript, TypeScript, C#, Java, C, HTML, CSS
Frameworks: React.js, Next.js, Express.js, Nest.js, Node.js, Fast API, ASP.NET
Databases: PostgreSQL, MongoDB, SQLite
Tools: Git, Visual Studio Code, Vim, JetBrains, Docker, Nginx