


AARON NGUYEN

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EDUCATION

University of Central Florida

Bachelor of Computer Science

Orlando, FL

Jan. 2021 – May 2024

- **GPA:** 4.0 / 4.0
- **Coursework:** Computer Science 1, Object-oriented Programming, Computer Logic and Organization
- **Achievements:** President's List Spring & Fall 2021, Convergys Computer Science Scholarship
- **Extracurriculars:** Veterans Affairs, Knight Hacks, Phi Theta Kappa

EXPERIENCE

LinkedIn

Software Engineer Intern

May 2023 – Sep. 2023

Sunnyvale, CA

- Incoming Software Engineer Intern in 2023

Microsoft

Software Engineer Intern

May 2022 – Aug. 2022

Redmond, WA

- Created **extension system** for Microsoft's open source **quantum circuit visualizer** library
- Designed **event and render system** inspired by **useReducer()** hook and functional programming pattern
- Developed **03** extensions allowing users to customize gates on quantum circuit

NASA

Software Engineer Intern

Jan. 2022 – May 2022

Huntsville, AL

- Created submission and management system for Deep Space Food Challenge worth **\$1,000,000** in prizes
- Upgraded existing services allowing **250+** teams to participate in the competition

U.S. Army Reserve

Technology Support - Combat Medic

Nov. 2019 – Present

St. Petersburg, FL

- Increased productivity by **90%** by automating Digital Training Management System
- Provided technical support to **30+** soldiers at hospital unit

PROJECTS

Litcode | Python, JavaScript, FastAPI, Next.js, SQLite

<https://github.com/aaronhangnguyen/swamphacks-2022-litcode>

- Led **04** engineers to create technical interview prep web application in a **36-hour** hackathon
- Designed front-end application using **Whimsical** and **Next.js**
- Fetched, cached, and re-validated data from back-end using **SWR**

Check-in.app | TypeScript, Next.js, Nest.js, PostgreSQL, Docker

<https://github.com/aaronhangnguyen/check-in-app>

- Designed check-in web application to manage student appointments with teaching assistants
- Containerized front-end, back-end, and database using **Docker**

Triip | Python, JavaScript, Django, React.js, PostgreSQL, Docker

<https://github.com/aaronhangnguyen/knighthacks-2021-triip>

- Led **04** engineers to create travel itineraries web application in a **48-hour** hackathon
- Designed front-end application using **Figma** and **React.js**

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C#, Java, C, HTML, CSS

Frameworks: React.js, Express.js, Node.js, Fast API, ASP.NET

Databases: PostgreSQL, MongoDB, SQLite

Tools: Git, Visual Studio Code, Vim, JetBrains, Docker, Nginx