AARON NGUYEN

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EDUCATION

Florida International University   Orlando, FL
Bachelor of Computer Science   *Jan. 2021 – May 2024*
- **GPA**: 4.0 / 4.0
- **Coursework**: Data Structures and Algorithms, Object-oriented Programming, Computer Logic and Organization
- **Achievements**: President's List 2021 - 2022, Convergys Computer Science Scholarship
- **Extracurriculars**: Veterans' Affairs, Knight Hacks, Phi Theta Kappa

EXPERIENCE

LinkedIn   May 2023 – Sep. 2023
Software Engineer Intern   *Sunnyvale, CA*
- Incoming Software Engineer Intern in 2023

Microsoft   May 2022 – Aug. 2022
Software Engineer Intern   *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   Jan. 2022 – May 2022
Software Engineer Intern   *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   Nov. 2019 – Present
Technology Support - Combat Medic   *St.Petersburg, FL*
- Increased productivity by **90%** by automating Digital Training Management System
- Provided technical support to **30+** soldiers at hospital unit

PROJECTS

Litkode | *Python, JavaScript, FastAPI, Next.js, SQLite*
https://github.com/aaronthangnguyen/swamphacks-2022-litkode
- 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/aaronthangnguyen/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/aaronthangnguyen/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, Go, JavaScript, TypeScript, C#, Java, C, HTML, CSS
Frameworks: React.js, Express.js, Node.js, Fast API, ASP.NET
Databases: PostgreSQL, MongoDB, SQLite
Tools: Git, Helix, Visual Studio Code, Neovim, JetBrains, Docker, Nginx