

Bao Huynh

Software Engineer

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GitHub: github.com/bhuynhdev

Portfolio: bhuynh.dev

EDUCATION

University of Cincinnati

Bachelor of Science in Computer Science

Expected graduation: May 2024

GPA: 3.95

- University Honors Program, Dean's List, Global Outreach scholarship

SKILLS

Programming: Typescript, JavaScript, Python, C/C++, SQL (PostgreSQL, MySQL), HTML/CSS, Git

Frameworks: React.js, Next.js, Remix, Angular, SvelteKit, Node.js, Express, NestJS, Fastify, Flask

WORK EXPERIENCE

Software Developer Co-op

Siemens Digital Industry Software

08/2022 - 08/2023 (Seasonally)

Cincinnati, OH

Project TeamCenter X Lite: Collaborative web-based SaaS application for managing construction lifecycle

- Orchestrated cross-team communication to gather requirements and develop JavaScript module to integrate Customer Survey and Onboarding into the web application
- Developed POC code into production-ready modules using the Siemens Web Framework; successfully integrated into the CI pipeline and wrote 10+ Jest unit tests to improve code resilience
- Collaborated in a team of 4 to develop POC designs that simplify the web UI and improve User Experience; presented POC demo successfully to 6 upper managers and stakeholders
- Technologies used: HTML, JavaScript, Jest, React.js

Software Developer Intern

EyeQ Tech Artificial Intelligence

01/2021 - 08/2021

Ho Chi Minh, Vietnam

Project RecruitGen: Cloud-based web application for talent sourcing using automated video interviews

- Spearheaded construction of backend RESTful API using Typescript, NestJS, and MongoDB
- Implemented automatic Redis caching to reduce request time by 50%
- Enhanced video streaming quality by 200% by setting up webRTC connections and servers
- Constructed a CI/CD pipeline that saved operation time by 2 hours/week and enhanced teamwork experience
- Authored a Python Flask API to manage the email server's functionalities
- Technologies used: Typescript, Express, NestJS, React.js, Python, MongoDB, Node.js, Git, GitLab CI

Project Soho Hotel Manager: Web dashboard for managing client hotels, from check ins to floor plans

- Maintained company's flagship React web application used by 6 hotels across the nation
- Fixed defects and refactored using modern practices to improve readability and reduce codebase by 30%
- Technologies used: JavaScript, React.js, Redux, Git

ACTIVITIES AND LEADERSHIP

ACM@UC - Association for Computing Machinery

President & Webmaster

04/2022 – 04/2023

- Led 5-person executive board; managed social media and fostered the campus programming community through 9 General Body meetings and Guest Speaker sessions on technical knowledge, job search tips, exam reviews, etc.

RevolutionUC 2023 - University of Cincinnati student hackathon

Co-director & Web team lead

08/2022 - 02/2023

- Handled administrative tasks, facilitated effective team communication, maintained and deployed RevolutionUC web application suite, collaboratively organized a successful 24-hour hackathon event for 600+ registrants

Available for full-time positions: May 2024