

Bao Huynh

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EDUCATION

University of Cincinnati

Bachelor of Science in Computer Science

Cincinnati, OH

Class of 2024

- GPA: 3.97 - University Honors Program
- Relevant coursework: Data structures, Algorithms, Discrete mathematics

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, C/C++, SQL (MySQL), HTML/CSS

Frameworks: React, Angular, Next.js, Node.js, Express, NestJS, Flask, FastAPI, Material-UI

Developer Tools: Git, GitHub, Jest, VS Code, Linux

EXPERIENCE

Software Developer Intern

Siemens Digital Industry Software

Jan. 2022 – Present

Milford, OH

- Collaborated effectively in a team of 4 to prototype a SaSS product
- Inspected and modified **HTML**, **JavaScript**, and **JSON** code to simplify the web UI and improve User Experience by 20%
- Presented POC demo successfully to 6 upper managers and stakeholders

Full-stack Developer Intern/Backend team lead

EyeQ Tech

Jan. 2021 – Aug. 2021

Vietnam

- **RecruitGen video recruitment tool**
 - Spearheaded the migration and rebuild of backend codebase from **Express** to **NestJS** and **Typescript**
 - Led the backend team to construct a **MongoDB**-based RESTful API that manages 7 different entities through 20+ endpoints, with strict authentication and authorization features, and automatic **Redis** caching to reduce request time by 50%
 - Implemented automatic API documentation feature using OpenAPI to improve cross-team communication efficiency by 20%
 - Increased test coverage by 70% through high-quality unit tests using **Jest**
 - Researched and set up **webRTC** connections and servers to enhance video streaming quality by 2 times
 - 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
- **Hotel management dashboard**
 - Maintained company's flagship **Reactjs** hotel management web application used by 6 hotels across the nation
 - Refactored using modern practices to improve readability and reduce codebase by 30%
- **Autonomous flight check-in web application**
 - Developed a 14-endpoint **Node.js** and **MongoDB** RESTful API that incorporates facial recognition to enable touchless flight check-in

PROJECTS

Roommated | *Typescript, Angular, MySQL, NestJS*

June 2022 – Present

- Developed a full-stack web application to connect roommates using **NestJS** to serve a RESTful API backend, **MySQL** as the database, and **Angular** with **TailwindCSS** as the frontend
- Collaborated effectively in a team of 4 using **Git** through **Azure Devops** and Agile project management
- Implemented geolocation autocomplete features along with a robust authentication and authorization system
- Project link: [Github](#)

Personal website | *Typescript, Nextjs, React*

June 2022 – Present

- Developed a personal blog to showcase skills and projects using **React** and **Nextjs**, styled with **SCSS**
- Project link: [Github](#) | [Live site](#)