

# NAM KHANH NGUYEN

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## EDUCATION

### University of Cincinnati, Bachelor of Science in Computer Science

*Expected Graduation: May 2025*

- Relevant courses: Natural Language Processing, Intelligent Systems, Applied AI and ML, Probabilistic Models, Data Structures, Database Theory, Automata, Computer Networks, Computing Systems

## EXPERIENCE

### Fullstack Developer Intern

*Jan 2024 - Jun 2024*

#### SiGlaz Software, Ho Chi Minh City, Viet Nam

- Designed and developed responsive UI with Figma, HTML, CSS, JavaScript, jQuery, and Razor Pages to help a door sales company migrate from the old website to a renovated one
- Implemented a responsive Catalogue Flipbook for enhanced PDF viewing, tailored to the client's specifications
- Leveraged C# and ASP.NET to create robust backend data models streamline the process of updating product content

### Donor Database & Web Development Intern

*Aug 2022 - Dec 2022*

#### Guiding Lights Mentoring, Cincinnati, OH

- Executed frequent website updates and reorganization, completing requested changes by manager to content and interface
- Maintained and managed the DonorSnap database, sending personalized emails and newsletters to donors and volunteers
- Created a board member portal and file-sharing page using Velo by Wix, with form validation, reactive updates, dynamic data rendering, and third-party service integration for meeting notifications and note-taking

### Web Development Intern

*Jan 2022 - Jun 2022*

#### EyeQ Tech, Remote, Viet Nam

- Worked independently on an internal SCRUM website requested by the company CEO
- Crafted a user-friendly frontend using React and Tailwind CSS and produced a robust backend using Nest JS and MongoDB Cloud, resulting in a streamlined and organized record-keeping process
- Launched a mini web conferencing app, hosts up to 10 users with Render, Express, Socket.io, PeerJS

## PROJECT

### Video Conference App

*Feb 2022– Sep 2024*

- Built and deployed video conference application that let users video call, chat, send emojis, share screens and presentations, using PeerJS and ExpressJS

### Multiplayer Hand-n-Brain Chess

*Oct 2023 – Dec 2023*

- Developed web application that use NextJS, TailwindCSS, and webscoket to allow up to 4 players to participate in various multiplayer and singleplayer chess modes

### Artificial Image Generator

*Dec 2022 – Dec 2022*

- Developed a website in the Svelte framework to generate AI art using OpenAI's Image Generation API

### Crime Map Visualizer

*Jul 2023 – Dec 2023*

- Retrieved and structured data from Open Data Cincinnati's API to show annual crime rates and top incidents by area
- Leveraged Google Maps JavaScript to implement an interactive map with a Crime Severity Index, letting users to assess safety level of each region surrounding university campus

## ACTIVITIES

### Participant at the MakeUC 2023 Hackathon

*Nov 2023 – Nov 2023*

- Applied IBM's Watsonx Discovery and Watsonx Assistant to train a custom AI model for reading and understanding 150+ page Evidence of Coverage documents, enabling users to search, submit, and ask questions about similar files.
- Role: Project Management, Web Developer, Model Trainer

### 2nd Place at the Graph UC Hackathon

*Oct 2023 – Oct 2023*

- Engineered a SubGraph, letting developers to use GraphQL to query complex data from a blockchain up to 1000 times faster than manual query. Guide team of 4 students
- Role: Team Lead, Project Management

## SKILLS

- Frontend & Design: NextJS, React, Vue, Svelte, Angular, HTML, CSS, JavaScript, jQuery, Figma
- Backend & Tools: Node, Nest JS, MongoDB, Firebase, Socket.io, Express, SQL, Python, C#, ASP.NET Core, Git, Puppeteer, Vercel, Render.io