

# AMBER NGUYEN

[ambnnguyen50@gmail.com](mailto:ambnnguyen50@gmail.com) | <https://www.linkedin.com/in/ambnnguyenn/>

## EDUCATION

---

**University of South Florida**

*B.S in Computer Science*

*GPA: 4.0/4.0*

**Tampa, FL**

*2021-2025*

## SKILLS AND CERTIFICATIONS

---

**Languages:** Python, Java, C++, C, HTML, CSS, and Javascript

**Frameworks/Libraries:** Next.js, React and Bootstrap

**Tools:** AWS (S3, Amplify, EC2), Git, GitLab, VSCode, Linux, Zsh, GitHub, Strapi, Jupyter

**Certifications:**

- AWS Certified Cloud Practitioner | *Amazon Web Services* | February 2024

## EXPERIENCE

---

**SOFWERX**

*Computer Science Intern*

**Tampa, FL**

*May 2024 – Present*

- Developed an interactive organizational chart using D3, hosted via AWS Amplify, to visualize staff and intern structures.
- Refactored 7 forms from JavaScript Bootstrap components to React Hook Form, improving form state management and validation.
- Enhanced user experience by resolving input validation bugs and implementing robust error handling across forms.
- Built a dynamic page integrating Strapi CMS to fetch and list downloadable templates, optimizing content delivery.
- Identified and addressed numerous bugs in a full-stack application, leading to significant performance and stability improvements.
- Leveraged Git and GitLab for version control and collaboration, participating in team-based code reviews to maintain code quality and best practices.

**Global Tech Experience**

*Web Development Trainee*

**Tampa, FL**

*May 2023 – August 2023*

- Built interactive responsive web applications using HTML, CSS, Bootstrap, Javascript, demonstrating web development fundamentals.
- Developed multiple projects showcasing proficiency in API integration and responsive design techniques.

## PROJECTS

---

**Portfolio Website** | *Next.js, SQLite3, AWS S3, AWS Amplify*

- Developed a full-stack web application to showcase projects and experience, using Node.js APIs for dynamic data retrieval from SQLite3 and contact form handling via Nodemailer.
- Integrated AWS S3 for media storage and deployed via AWS Amplify for seamless server-side rendering and optimized performance.

**Text-based Role-Playing Game** | *Java*

- Designed and implemented a fully functional text-based role-playing game inspired by Jumanji, featuring narrative-driven gameplay, player choices, and complex decision trees.
- Employed OOP techniques for modular, reusable, and structured game development.