Alexandra Smith

asmit464@fiu.edu • (689) 287-4053 • https://www.linkedin.com/in/alexandraverasmith/ • https://github.com/alexandravsmith

EDUCATION

Florida International University, B.S. in Computer Science Honors <div align="right">May 2027</div>

Relevant Courses: Java Programming (I & II), Systems Programming, Data Structures & Algorithms, Software Engineering, Open Source Development & GitHub

Clubs: NSBE (Programs Chair), WiCS Women in Computer Science (Web Dev Director), Black Student Union (Outreach)

TECHNICAL SKILLS

Programming Languages: Java, Elixir, PostgreSQL, Python, (HTML, CSS), Javascript

Frameworks: Tailwind, Bootstrap, Vue.js, React, Foundation | **Other Skills:** SEO, Social Media, Video Production

RELEVANT EXPERIENCE

Junior Web Developer, Florida International University <div align="right">February 2023 - Present</div>

- Collaborated with end-users to design, develop, and deploy tailored web applications, ensuring UX/UI principles and performance optimization
- Maintained university websites, focusing on upgrades, bug fixes, and performance improvements

Internship for Teaching Software Engineering in K-12 <div align="right">September 2023 - December 2023</div>

- Developed lesson plans to introduce algorithmic thinking and programming concepts to K-12 students

Front-End Developer & SEO Engineer, Baan Smile <div align="right">September 2021 - August 2022</div>

- Designed and developed the front-end architecture, improving site performance and increasing web traffic by 30%.
- Implemented SEO optimizations and back-end enhancements to boost search rankings for travel services.
- Built an interactive budget prediction tool for expats and a visa eligibility search tool, generating 700+ user inquiries.
- Developed and optimized UI/UX screens to enhance accessibility and user engagement.

PROJECTS

Pomparser, Web Parser (Java, PostgreSQL, HTML) <div align="right">January 2024</div>

- Developed a web scraping tool using Java and SQL to extract metadata, LD-JSON, and image attributes for SEO optimization and ranking analysis.

Brawtalist (Elixir, HTML, CSS) <div align="right">Present</div>

- Created one of Jamaica's leading resource platforms, generating 17,000+ monthly visitors by consolidating scattered information.
- Ensured platform scalability with a modular backend design

LEADERSHIP EXPERIENCE

Programs Chair, National Society of Black Engineers (NSBE) <div align="right">2024 - Present</div>

- Led a team of five to organize technical workshops in coding and CAD, along with career and volunteering events.
- Successfully planned and executed a Young Grads Tech & Engineering panel, increasing audience turnout by 25%

Web Development Director, Women in Computer Science (WiCS) <div align="right">2024 - Present</div>

- Led the website redesign to enhance user experience and visibility.
- Managed site updates to improve sponsor engagement and presentation.

Volunteer, Sustainable Panther Network <div align="right">2023 - Present</div>

- Used the Pullerbear tool to remove invasive plants and clear trails for nature reserve access.
- Contributed hours of hands-on restoration to improve biodiversity and land management.