Alexis Nemsingh

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EDUCATION

California State University, Fullerton   **August 2023 - Expected Graduation: May 2025**

BS, Computer Science

- Relevant Coursework: Foundations of Software Engineering, File Structures and Database Systems, Python Programming, Algorithm Engineering, Mobile Device Application Programming, Web Front-End Engineering
- **Honors/Awards:** John and Mary Bilello Innovation Scholarship (Fall 2024, Spring 2025)

University of California, Merced   **August 2021 - May 2023**

- Relevant Coursework: Data Structures, Computer Organization and Assembly Language

EXPERIENCE

Calpine Energy Solutions   **June 2024 - August 2024**

Software Developer Intern   *San Diego, CA*

- Maintained WebTools, a collection of internal tools used by various teams within the company through bug fixes and updates to their functions using C#.
- Updated various applications to .NET 8, decreasing security vulnerabilities and improving their performance.
- Modified various pipelines within Azure DevOps to include caching, significantly reducing build time for future runs.
- Upgraded applications in WebTools from Angular 8 to 18, updating deprecated code, optimizing performance, and ensuring compatibility with modern frameworks.

PROJECTS

Memora

- Developed a flashcard app using Swift and SwiftUI, focusing on creating a responsive and visually appealing user interface
- Engineered features such as album and flashcard creation and deletion functionality to enhance user flexibility and engagement.
- Debugged and resolved UI and functionality issues to ensure a polished and seamless user experience.

Portfolio Website

- Coded a personal website using React and TypeScript, then deployed using Vercel.
- Designed and styled the interface using Tailwind CSS.
- Integrated advanced UI components from various component libraries to enhance the design and functionality.
- Configured Vercel to auto-deploy changes from the Git repo, keeping the site up-to-date.

EXTRACURRICULARS

Marketing Officer   **February 2024 - September 2024**

Association of Computing Machinery (ACM)

- Captured impactful visuals of ACM events, conveying the energy and spirit of each occasion.
- Coordinated with the marketing team to strategize and assign roles for comprehensive event coverage.
- Contributed creative ideas, leveraging photography as a storytelling tool for audience engagement within ACM.

RELEVANT SKILLS

- **Technical Skills:** Python, C, C++, C#, JavaScript, TypeScript, React, HTML, CSS, SQL, Swift
- **Systems/Frameworks:** Windows, MacOS, MySQL, SQL Management Studio, VisualCron, Bootstrap, Angular, Git, Azure DevOps, SwiftUI
- **Skills:** Collaboration; Problem Solving; Communication; Adaptability; Public Speaking