Alexis Nemsingh

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https://github.com/alexisnemsingh ❖ https://alexisnemsingh-github-io.vercel.app/

EDUCATION

California State University, Fullerton   **August 2023 - 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
- **GPA: 3.40/4.00**
- **Honors/Awards:** John and Mary Bilello Innovation Scholarship (Fall 2024, Spring 2025); Dean's List; ECS Expo Finalist

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

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

RELEVANT EXPERIENCE

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

Software Developer Intern   *San Diego, CA*

- Maintained **WebTools**, an internal tool suite used by various teams within the company through bug fixes and updates to its 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.
- Developed an automated script using **SQL** to manage database entries by periodically deleting outdated records, optimizing database performance, and maintaining data hygiene through **VisualCron.**

PROJECTS

Boba Stop   **January 2025 - May 2025**

- Designed **core UI** and **2.5D environments** in **Unity** to support immersive storytelling and player interaction.
- Integrated an **adaptive AI** system that interprets and responds to **free-form player input**, influencing character relationships.
- Wrote character storylines, emphasizing **AI-driven NPC interactions** and narrative coherence.
- Selected as a finalist at **CSUF's Engineering and Computer Science (ECS) Expo 2025** to showcase innovative use of AI in games.

EXTRACURRICULARS

Marketing Officer   **February 2024 - September 2024**

Association of Computing Machinery (ACM)

- Captured impactful visuals of **ACM events** through photography, highlighting the energy and spirit of each occasion.
- Coordinated with the **marketing team** to strategize and assign roles for comprehensive event coverage.
- Managed the **ACM Instagram** account, ensuring consistent engagement through weekly workshop updates and recap posts, resulting in a **30% increase** in engagement.

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, Unity
- **Skills:** Collaboration; Problem Solving; Communication; Adaptability; Public Speaking