

Alexis Nemsingh

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EDUCATION

California State University, Fullerton <i>BS, Computer Science</i>	August 2023 - Expected Graduation: May 2025
<ul style="list-style-type: none">▪ Relevant Coursework: Foundations of Software Engineering, File Structures and Database Systems, Python Programming, Algorithm Engineering, Mobile Device Application Programming, Web Front-End Engineering▪ GPA: 3.33/4.00▪ 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
<ul style="list-style-type: none">▪ Relevant Coursework: Data Structures, Computer Organization and Assembly Language	

EXPERIENCE

Calpine Energy Solutions <i>Software Developer Intern</i>	June 2024 - August 2024 <i>San Diego, CA</i>
<ul style="list-style-type: none">▪ 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with modern frameworks.▪ Developed an automated script using SQL to manage database entries by periodically deleting outdated records, optimizing database performance, and maintaining data hygiene through VisualCron.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
<ul style="list-style-type: none">▪ 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 <i>Association of Computing Machinery (ACM)</i>	February 2024 - September 2024
<ul style="list-style-type: none">▪ 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