DAVID JESUS SOLANO

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Education

CALIFORNIA STATE UNIVERSITY FULLERTON   **FULLERTON, CA**
Bachelors of Science, Computer Science, GPA: 3.92   *Aug. 2021 - May 2025*
- **Relevant Coursework:** Back-end Development, Front-end development, Object-Oriented Programming, Data Structures & Algorithms, Linear Algebra, Discrete Mathematics, Databases

Experience

AMAZON WEB SERVICES   **ARLINGTON, VA**
Software Engineer Intern   *May 2024 - Aug. 2024*
- Developed and implemented an Artificial Intelligence feature within an AWS internal service, showcasing proficiency in services such as EC2, S3, Lambda, and CloudWatch. Demonstrated effective communication and teamwork skills in fast-paced environments, leading to the timely resolution of critical incidents and minimized service disruptions.
- Collaborated with cross-functional teams to integrate advanced AI algorithms into the chatbot system, resulting in more than a 60% reduction in manual intervention needed for widget queries and resolved complex technical issues, ensuring high availability and reliability of AWS-hosted applications.

CALIFORNIA STATE UNIVERSITY FULLERTON   **FULLERTON, CA**
Computer Science Supplemental Instructor   *May 2023 - Present*
- Create comprehensive study materials and interactive presentations to simplify Algorithms and Data Structures in C++ concepts, resulting in a 15% increase in student comprehension and grades.
- Utilize innovative teaching techniques such as hands-on coding exercises and group discussions to foster active learning and student engagement.

Personal Projects

GitGood — Nextjs, JavaScript, Firebase   **Sep. 2024 - May 2025**
- Colead the development of an open-source platform that allows users to submit custom coding questions and engage with a community of problem solvers, driving active user participation and content creation.
- Implemented robust user authentication, real-time data synchronization, and seamless UI/UX features, ensuring a scalable and responsive experience for a growing user base.

OmniscienceAI — RaspberryPi, Python3, OpenAI   **Jan. 2025 - Apr. 2025**
- Developed a portable, real-time AI assistant that answers user queries with high accuracy, leveraging advanced AI capabilities for on-the-go, hands-free interaction.
- Designed and implemented a lightweight, efficient system architecture for seamless integration between hardware and AI models, ensuring fast, reliable responses in various environments.

Extracurricular Activities

Association for Computing Machinery (ACM)   **FULLERTON, CA**
President   *May 2023 - May 2024.*
- Organize and execute 50+ meetings and events for a community of 2,050+ members, resulting in over a 40% increase in attendance and engagement from previous years
- Provided guidance and mentorship to students working on software projects, facilitating collaboration and innovation within the ACM community

FullyHacks   **FULLERTON, CA**
Director   *Aug. 2023 - Feb. 2024*
- Organized the planning and execution of a large-scale hackathon, successfully attracting over 400 applicants and securing 10 industry-leading sponsors.
- Oversaw a team of volunteers and coordinators, fostering a collaborative environment that contributed to the event's overall success and positive participant feedback

Technical Skills

Languages: C++, CSS, HTML5, JavaScript, Java, Golang, TypeScript, Python, SQL
Frameworks: React, Svelte, Node.js, Flask, TailwindCSS
Developer Tools: Git, Neovim, Vim, VScode, Blender, GDB, PyCharm
Technologies: AWS Lambda, MySQL, Firebase, Vercel, Excel, Linux, Windows, MacOS, Outlook, Slack