Allen Rodriguez

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EDUCATION

Bachelor of Science in Computer Science & Management	May 2025
Certificate in Entrepreneurship and Innovation	Magna Cum Laude
Barrett The Honors College, Arizona State University	Tempe, AZ

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Discrete Mathematics, Networks, Database Management, Cryptology, Operating Systems, Honors Finance, Web Design, Cross-Cultural Management, Honors Marketing

WORK EXPERIENCE

Software Engineer Intern, Amazon, Irvine, CA   May 2025 – August 2025
- Developed and deployed features for a self-service platform Naviator used by 10+ companies to configure and launch online navigation experiences.
- Implemented an internal dashboard using React and DynamoDB to monitor and update 60+ weblabs for A/B testing, increasing experiment visibility.

Tech Consultant, Experience Center, Tempe, AZ   September 2020 – May 2025
- Delivered technical support to students and faculty via phone and in the classroom, resolving software and hardware issues with a satisfaction rating of 80% or higher.
- Logged, tracked, and maintained support requests using an internal ticketing system, resolving issues within 72 hours to ensure timely and efficient delivery.

PROJECTS

Automated Marketplace Negotiation Tool   February 2025 – June 2025
Python, Selenium, Flask, JavaScript
- Automated data scraping with Selenium to extract product listings from online marketplaces, reducing manual effort and enabling real-time data collection.
- Engineered prompts for LLaMA 3.1 to automate outreach and negotiate purchase offers, streamlining the buying process and achieving a 20% cost reduction.
- Deployed the application as a Chrome extension with a live server, making it 440% faster to deploy and significantly improving usability for non-technical users.

Campus Fitness Challenge App   August 2024 – November 2024
Python, Tkinter, MySQL
- Collaborated with a team of five to design an interactive GUI for college students to track their workouts and compete with other students for rewards.
- Developed a scalable database and backend system to track workouts for 80,000+ ASU students, enabling a real-time leaderboard to promote engagement.
- Secured meetings with angel investors, leading to the development of two potential applications of technology and consideration for future investment opportunities, as a junior team member.

SKILLS & ACTIVITIES

Technical Skills: Java, Python, JavaScript, React.js, C/C++/C#, HTML/CSS, SQL, Rest APIs, Git, AWS, Microsoft Office Suite, Asana, Photoshop, Linux, OSINT, Agile
Activities: Venture Devils Founder, TW Lewis Ambassador, Tango Club Member
Awards: Eagle Scout, New American Scholarship, Dean's List 2020-2025