

Nasser Alnabulsi

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EDUCATION

California State Polytechnic University, Pomona

Pomona, CA

Bachelor of Science in Computer Science

May 2024

Cumulative GPA: 3.18 | Honors: Dean's list 2020-2021, Dean's list spring 2022

Relevant Coursework: Data Structures, Systems Programming, Computer Organization and Assembly Programming, Formal Languages and Automata, C++, Concepts of Programming Languages, Computer Architecture, Object Oriented Design and Programming, Cryptography and IS, Operating Systems

SKILLS

Programming Languages: Java, C/C++, Python, CSS, Unix, MIPS assembly, Web Development, SQL

Technologies: Git, Amazon AWS console, DynamoDB table storage, API Gateways, Microsoft Office, Azure, MySQL workbench, Flask, Firebase, React, Amplify, Node.js, MUI Styling

Certifications: Codepath Cyber Security

EXPERIENCE

[LADWP](#) | Student Professional Worker, CIS division

July 2023- July 2024

- Develop cloud web applications to optimize office workflow (Full stack)
- Utilize Microsoft Office to document and assist project management in daily bug-fixing
- Attend meetings with contracted clients
- Assist in handling sensitive confidential data
- Shadow office processes and streamline workflow tasks
- Perform daily office tasks and report to mentors

[BILLEE Medical Rover](#) | Software Developer, BILLIE Rover

April 2023- March 2024

- Utilize ROS2 and NAV2 to deploy self-driving code on a robotic unit
- Implement CSV data table sorting to identify material for medical use.
- Utilize LIDAR technology to implement a self-driving feature on a Mars-type rover
- Create robotic movement controls in ROS2 software to control the rover
- Implement robotic features for the University Rover Challenge in 2024

Technological Support | Self-Employed

August 2022- Present day

- Worked for commission repairing multiple computer errors and user problems
- Managed and maintained personal devices for fellow students
- Reset and repaired computer batteries corrupt drive partitions, and did general maintenance on multiple private personal computers.

[CPP Housing Finder Website](#) | Project manager

January 2023- June 2023

- Manage and develop a housing finder application using AWS
- Work with fellow students using the Agile development model to produce a product for use across the school
- Guided my team in the development of web service endpoints, data storage development, and UI development, creating an application that shows the end user's homes and rent data within a range of Cal Poly

[OrangeGrid](#) | Intern

August 2019-March 2020

- Worked directly under the CIO to research servers for professional deployment
- Learn about software deployment in the workplace
- Attend meetings with clients and further expand knowledge on c# and website code
- Learn more about software in a professional setting

PROJECTS

[Personal Website](#) | Developer

- Created a personal website utilizing Vercel hosting
- Utilized font end development in HTML CSS and Javascript
- Added custom animations without using a framework