

ADNAN ALOUANE

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EDUCATION

University of Southern California
Bachelor of Science

August 2021-Present

- Computer Engineering and Computer Science

TECHNICAL SKILLS

Skills: Python, HTML, CSS, Javascript, JQuery, SQL, BigQuery, C++, C

Applications: Django, Flask, MySQL

Language: Arabic

ACADEMIC PROJECTS

- Developing a basketball game allowing for full user control over a team in Django
- Forming an e-commerce site to sell affordable clothes to those in need with Flask
- Programming calculator using python GUI library capable of addition, subtract, division, and multiplication

EXPERIENCE

Software Intern

August 2023-Present

Emertxe, Remote

- Developing embedded systems code projects to gain experience handling micro-processors and software engineering
- Analyzing code in C to further expand knowledge to construct final embedded project

Member

April 2023-Present

Color-Stack, Los Angeles

- Complete CS professional development workshops as well as skill-based projects
- Connecting with and increasing representation of Black, Latinx, and Underrepresented students in tech industry

Intern

July 2022-July 2023

Greenheart Partners, Remote

- Practiced HTML and CSS by developing energy saving initiative website
- Designed several maps through ArcGIS to provide detailed views of certain places/aspects

Corporate Intern

July 2019-July 2022

Phase 4, Pittsburgh, PA

- Monitored daily work life of AI engineers to gain experience of potential career path
- Experimented with Arduino/C++ to create movement sensor fans and miniature cars

Student Worker

September 2021-September 2021

USC Information Technology Services, Los Angeles, CA

- Troubleshoot technical problems, assisted customers with issues regarding online usage, and provided welcoming environment

Team Member/Engineer

March 2019-February 2021

Vex Robotics, Pittsburgh, PA

- Devised and built robot to compete against other teams in game-based engineering challenge
- Drove and tested robot during manual stages as lead driver
- Lead and organized all team meetings to ensure a collaborative team effort is built

Team Member

January 2018-May 2019

SeaPerch, Pittsburgh, PA

- Designed and constructed an underwater robot to maneuver through obstacles
- Analyzed with naval engineers and observed ins and outs of aquatic AI to assist team in creating an effective bot