

## **Amir Alexander Abed**

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### **OBJECTIVE**

To advance my learning and understanding in the field of engineering and technology in order to establish a career in engineering and impact society in the future.

### **EDUCATION**

**UNIVERSITY OF CALIFORNIA SAN DIEGO** 9500 Gilman Dr., La Jolla, CA 92093

Working towards a Bachelor's degree in Electrical Engineering. Graduating June 2022.

GPA: 3.25 (year 2 quarter 2)

### **JOB EXPERIENCE**

#### **RF Precision Cables / Technical Assistant**

June 2016 - PRESENT (During Summer), 1600 S Anaheim Blvd F, Anaheim, CA 92805

- Hands-on work with the assembly of radio frequency cables
- Testing cables for function and shipping cables to companies worldwide

#### **NJB / Referee**

November 2016 - February 2018, Irvine; various locations

- Communicated with members of the community and children playing basketball
- Assisted the youth to become better members of the community and to learn to collaborate with other youth players

### **SKILLS**

- Solidworks, Eagle CAD and Mastercam experience
- Exceptional in C, C++, Python and MATLAB. Knowledge of Java and Javascript
- Proficient in HTML and CSS, as well as Processing
- Experience with Microsoft Office – familiar with Excel and learning new platforms and systems
- Hands-on experience with circuit boards, arduino, PCB's and raspberry pi's
- Exceptional at soldering and breadboarding
- Persistent, hard worker, dedicated to accomplish set goals
- Perfectionist, leadership and communication, frequently collaborating with other engineers
- Fluent in English and Arabic, as well as proficiency in French and Spanish

### **ACTIVITIES, AWARDS, and GROUPS**

- IEEE member and group project participant, 2 years in QP(Quarterly Projects)
- IEEE QP Fall quarter 2019 competition runner-up (!ForgettaBoutIt)
- IEEE QP++ Winter quarter 2020 competition winner (ENLIGHTEN)
- ECE courses dealing with robotics and automation, such as line-following robots
- Experience working with ESP32s, RFID scanners, and other utilities
- Experience with server set up and web design
- SME member since 2017 as part of engineering program at Esperanza High School