

Ayman A. Taleb

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Education

University of California, Irvine

September 2019-June 2023

Bachelor of Science, Computer Engineering

Work Experience

Charles Schwab

September 2023-Present

Software Engineering Associate

- Collaborate with the team responsible for processing customer tax information
- Upgraded and maintained an application used to reclassify dividends on clients' taxes utilizing Angular for the front end and Java Spring Boot for the back end
- Brief offshore team on the modernization of a legacy app
- Attained Professional Scrum Developer certificate

Charles Schwab

June 2022-August 2022

Software Engineering Intern

- Created API for customer cost basis information using Java Spring Boot
- Designed a dashboard to monitor a test server for the tax team using Angular

ButterflyMX

November 2021-May 2022

Hardware Engineering Intern

- Assembled and tested network elevator controllers
- Tested and developed RFID readers for access control systems
- Analyzed network traffic to research security vulnerabilities
- Evaluated firmware for access keypads

Extracurricular Activities

Anteater Formula Racing

September 2023-June 2023

Test Engineer

- Analyzed vehicle performance using simulation software
- Designed a data acquisition system for the car using an Arduino
- Assisted in final car assembly before the competition

Skills

- *Languages:* Arabic (Fluent).
- *Programming Languages:* Java, C++, C, C#, HTML, CSS, VHDL, Python, Typescript, Verilog, and Assembly.
- *Databases:* OracleSQL, MongoDB, SQL, and MySQL
- *Frameworks:* Angular, AngularJS, Bootstrap, React, Spring Boot
- *Software:* LTspice, Cadence, Fusion 360, Adobe Photoshop, Adobe Premiere, Microsoft Office, and Google Suite
- *Hardware:* 3D Printing, IoT Technology, Embedded Systems, CAN, UART, I2C, Raspberry Pi/Microcontrollers, and RFID
- *Certifications:* Professional Scrum Developer 1, Veracode Security Labs Champion Level 3
- *Other:* REST APIs, Agile, JIRA, Git, GitHub, BitBucket, Pivotal Cloud Foundry

References

Available upon request.