

Ayman A. Taleb

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Education

University of California, Irvine September 2019-June 2023
Bachelor of Science, Computer Engineering

Work Experience

Universal Electronics Inc. July 2024-Present

Applications Engineer

- Coordinated NPI projects with sales, engineering, and production management teams
- Communicated with customers throughout project lifecycle and supported post-production
- Corresponded with offshore factories to ensure production
- Briefed offshore teams on internal validation and verification schedules for NPI projects
- Diagnosed field issues reported by customers and supported efforts to resolve them
- Authored and updated product specifications for new and existing products

Charles Schwab September 2023-June 2024

Software Engineering Associate

- Collaborated 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
- Briefed 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

Skills

- *Languages:* German (Proficient) and 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, UART, I2C, Microcontrollers, Zigbee, Z-Wave, sub-Gig 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 are available upon request.