

# Ayman A. Taleb

[Ayman-Taleb.com](http://Ayman-Taleb.com) • (909) 618-5000 • [Ayman1779@gmail.com](mailto:Ayman1779@gmail.com) • Irvine, CA

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## Education

University of California, Irvine

September 2019-June 2023

Bachelor of Science, Computer Engineering

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## 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
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## 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
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## 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
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## References

Available upon request.