

# Yousef Khaleq

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## WORK EXPERIENCE

### Accenture

Sacramento, CA

#### Java Microservices Backend Engineer

August 2021 - Present

- Responsible for the delivery and operation of a platform of micro-services enabling customer facing self-service and internal support representative tools handling over 150 million transactions daily
- Developed an application using Java Spring Boot that notifies customers of Internet outages in their area, reducing support calls by 25 percent
- Deployed and hosted applications on Amazon EC2 while maintaining previous versions through S3 buckets

### California Department of General Services

Sacramento, CA

#### Software Engineering Intern

September 2020 - May 2021

- Developed a Time Tracking Application for the Department of General Services, increasing productivity by 20%
- Built application using Angular, TypeScript, and HTML/CSS
- Built multiple Power BI tools using SQL to analyze financial data and resource allocation

## PERSONAL PROJECTS

### Personal Website | Full Stack

- Created a personal website using React/Node.js/HTML/CSS/Bootstrap
- Implemented and deployed Back-End on local server using Node.js
- Deployed personal website through DigitalOcean and Putty using Docker

### Linear-Fit/Nonlinear-Fit/Double Gaussian Plots | Data Science

- Used NumPy to import data stored in files and solve equations with the given data
- Plotted a histogram using the imported data
- Used SciPy to curve fit the data along a histogram

### HTML Parsing Automation Tool | Selenium

- Designed and implemented a web scraper using selenium and chrome driver to gather emails from handshake
- Assembled code which also allowed scraper to go through each company page and retrieve their emails
- Designed and implemented an email sender which sent 5000 emails to companies regarding internship opportunities

## COMMUNITY INVOLVEMENT

### Honors Program

August 2017 - May 2021

- The program and its courses focus on the development of critical thinking and solving modern problems

### Muslim Student Association

August 2017 - May 2021

- Attend weekly meetings as well as volunteer for clean ups and fundraisers

### Society of Hispanic Engineers

August 2020 - May 2021

- Develop an understanding about the importance of hispanics in tech as well as attend weekly meetings.

### Hornet Leadership Program

August 2018 - January 2019

- Met weekly with managers from Intel on how to become better leaders and resolve different situations

### Green and Gold Leadership Program

August 2017 - December 2017

- Learned to expand and develop leadership skills through multiple meetings over the course of the semester

## EDUCATION

### California State University, Sacramento

Graduated: May 2021

B.S. Computer Science

### Relevant Coursework:

Data Structures and Algorithms, Discrete Math, Calculus, Linear Algebra, Data Science, Software Engineering, Object-Oriented Programming, Database Management Systems, Computer Forensics

## SKILLS

**Languages:** Python, Java, HTML/CSS, SQL, C++

**Frameworks/Technologies:** Spring Boot, NumPy, Angular, Microsoft Azure, Git, Linux, Scrum, Agile, Node, React, Selenium, Twilio SendGrid, Amazon Web Services, JavaScript, TypeScript, Rally, Postman