Zakaria Ridouh

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Overview: I'm an undergraduate Computer Science and Engineering student at Texas A&M University. I've interned and worked at a multitude of different workplaces, good experience working with a diverse set of people of different origins. I've participated in, and won awards, at multiple hackathons. I took a rigorous high school curriculum with a broad range of AP tests and college level classes. I'm very involved with every community I'm in, with hundreds of community service volunteer hours racked up along the years. I've demonstrated leadership skills through serving on the leadership team of a multitude of different clubs and associations.

Work Experience:
- ***Software Engineering Intern: Bitwise Academy*** - Summer 2016
  - Tasked with developing and moving the software codebase infrastructure to open source alternatives from the aging proprietary software BitWise was relying on.
  - Worked with Javascript, HTML/CSS, Git and other technologies.
  - Managed team of interns and established line of communication between board of directors and intern teams.
- ***Manager: Domino's Pizza*** - 2018
  - Many interactions with a diverse set of team members of different backgrounds and customers.
  - Lots of responsibility with managing the store, inventory, as well as other employees.
  - Tasked with many demanding customer concerning tasks.

Related Projects:
- Mindows
  - Small microservice for accessing personal Windows hardware from website, allowed a variety of different functions such as accessing device cameras, taking screenshots, starting/stopping music, changing volume etc.
  - Technologies used: Javascript, Python, Flask, HTML/CSS, and a variety of different Python APIs & Libraries to interact with Windows.
- Code Canal
  - Developed service for live streaming code straight from code editor. Streams content with very little latency.
  - Technologies used: Javascript, Typescript, HTML/CSS, Firebase API

Academics and Coursework:
- Freshman at ***Texas A&M University*** Class of 2022 Computer Science and Engineering
- Previous High School student at ***Lake Travis High School & Mission San Jose High School***
- Relevant coursework: **AP Computer Science**. AP Physics. AP Calculus. AP Statistics. AP Biology. HarvardX: CS50's Mobile App Development with React Native

Awards and Achievements:
- Hackathons:
  - "Best In Show" at DefHacks 16 & "Best Game" at CodeDay early 2016
- Sports:
  - "Distinguished Athlete" at Mission San Jose Varsity Soccer (2016-17)

Skills (ranked in order of familiarity):
- Programming Languages: Python, **Java**, C++/C, Javascript, HTML/CSS, Bash
- Databases: MongoDB, mySQL
- Frameworks: React/React Native, Tensorflow
- Topics of Interest: Web Development, Back End, AI/Machine Learning
- Languages: **English**, Arabic, French