Amuleek Simak

Software Engineer | Toronto, ON

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EXPERIENCE

Software Engineer Intern @ Investopedia
May 2021 – Present
- ◊ Developed new features for back-end of web application and fixed bugs found during production
- ◊ Improved the performance of web applications utilized by 100 million users per month by 60%
- ◊ Created endpoints for application and deployed them using AWS Lambda
- ◊ Designed automation and unit tests using JUnit to tackle edge cases

Instructor @ Hatch
Sept 2017 – Nov 2017
- ◊ Worked with a team to instruct JavaScript to a group of 40+ students
- ◊ Managed workflow and increased perception of knowledge by 70%
- ◊ Assisted team with creating a game plan to tackle different types of learning styles

Team Lead @ FIRST Robotics
Jan 2017 – Sept 2018
- ◊ Supported the programming task force at TL Kennedy with debugging code written in Python
- ◊ Improved precise movement coordination of robot by 80%
- ◊ Competed at the ONT District Event, achieved the 17th rank in the entire district

PROJECTS

Mntr – Best Use of Cockroach DB @ Hack the North
Web App (2020)
Assists students find mentors using an algorithm to find the best fit.
- ◊ Used Go to create the data models and interfaces for the structs
- ◊ Implemented the backend endpoints and deployed the logic needed to make the requests to the server
- ◊ Set up Firebase and received tokens for the requests

Yotei
iOS App (2020)
Reminders app that sends you reminders at client set locations.
- ◊ Implemented with Swift and uses Google Maps API
- ◊ Utilized Firebase for the login system

SKILLS

Programming Languages
Python, Go, Java, C, JavaScript, SQL, HTML, CSS

Libraries & Frameworks
React.js, jQuery, Bootstrap, Node.js, Selenium, Spring Boot

Tools & Platforms
Git, Firebase, Google Maps API, PDF.js, Raspberry Pi, Arduino, AWS Lambda, Docker, Jenkins

PARTICIPATION

Clubs
Club Executive @ CS Hub
Lassonde Engineering Society

Events
Lyft ETA Program (2021)
Pride Summit (2021)
Hack the North (2021)
Def Hacks (2020)
ElleHacks (2019)

EDUCATION
Computer Science @ York University
Jan 2019 – Apr 2023
Bachelor of Science – 3.7 GPA

INTERESTS
Planting, swimming, travelling, reading, learning