Amuleek Simak

Software Engineer

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EXPERIENCE

Incoming Software Engineer Intern @ RBC
Sept 2021 – Dec 2021
- ◊ Working backend on the Amplii Team

Software Engineer Intern @ Investopedia
May 2021 – Present
- ◊ Developed new features for back-end of web application and managed cloud infrastructure for services on AWS
- ◊ Improved the performance of web applications utilized by 100 million users per month
- ◊ Used Express.js endpoints to fetch application dependencies from Nexus
- ◊ 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 large group of students
- ◊ Corrected common syntax errors and collaborated with others to work through bugs
- ◊ Assisted team with creating a game plan to tackle different types of learning styles

Robotics Engineer @ FIRST Robotics
Jan 2017 – Sept 2018
- ◊ Supported the programming task force at TL Kennedy with debugging code written in Python
- ◊ Identified hardware issues in the robot and developed solutions
- ◊ Competed at the ONT District Event, achieved the 17th rank in the entire district

PROJECTS

mntr
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, Express.js

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

PARTICIPATION
Club Executive @ CS Hub
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