

Amuleek Simak

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EXPERIENCE

Programming 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
- ◊ Solved problems logically with a strong judgement of what to do next
- ◊ Communicated common issues with others and prevented further issues by implementing a new approach
- ◊ Assisted team with creating a game plan to tackle different types of learning styles

Robotics Engineering Instructor @ 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
- ◊ Designed and implemented the structure of the robot to work efficiently during the competition
- ◊ Competed at the ONT District Event, achieved the **17th rank** in the entire district

Mathematics Instructor @ Kumon

Jul 2017 – Sept 2017

- ◊ Educated large groups with diverse skill levels about advanced math skills and **algorithms**
- ◊ Exceeded the performance threshold set out by the organization

PROJECTS

mnr

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

eduCater

Web App (2020)

Education platform where students can ask professors about specific slides.

- ◊ Utilized **CSS** to implement a sleek yet minimal design for the website
- ◊ Used **JavaScript** to design an intricate backend that allows students to upload PDFs and converts it to slides

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

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

Libraries & Frameworks

jQuery, Bootstrap, Node.js, Selenium

Tools & Platforms

Git, Firebase, Google Maps API, PDF.js, Raspberry Pi, Arduino

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

Relevant Courses

- ◊ Programming for Mobile Computing (Java)
- ◊ Logic for Computer Science
- ◊ Software Tools (C)
- ◊ Advanced Object Oriented Programming (Java)
- ◊ Fundamentals of Data Structures
- ◊ Intro. to the Theory of Computation

INTERESTS

Planting, swimming, travelling, reading, learning