Vedat Alp Goktepe

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Education

University of Toronto, *HBSc Co-op Computer Science*   Sep 2021 - Apr 2025
- Cumulative GPA: 3.79/4.00

Skills

Languages: Python, Java, JavaScript, C, Shell, Arduino, HTML, CSS, SQL
Frameworks and Tools: Firebase, Jira, React, Git, GitHub, Android Studio
Concepts: Agile, Scrum, Test Driven Development, CI/CD

Experience

Tutor, Freelance   Jan 2020 – Present
- Taught coding concepts such as binary search trees, recursion, etc. to peers and high school students
- Increased student understanding through visualization, stack tracing, and weekly coding challenges
- Helped students improve code efficiency by removing unnecessary code and completing multiple iterative tasks with a single loop, while keeping the code easy to read

Customer Support, S&P Data Digital   Feb 2021 – March 2021
- Tended the unique problems of each customer
- Frequently coordinated with supervisors to ensure correct handling of edge cases
- Showed professionalism and patience towards customers, accommodated those who had difficulty understanding technicalities by explaining in various ways

Personal Projects

UTSC Course Planner
- A mobile app built with Java and XML using Android Studio which generates the most optimal course plan for graduation
- Conducted daily scrum meetings and completed 2 sprints with a group of 4 peers over Jira
- Followed the Model-View-Presenter Format while building the app
- Implemented mock testing using Mockito to progressively test the app
- Used the Google Firebase Realtime Database and Authentication to store course and user information securely

The Wave
- Made a game constructed by 20+ classes, following modular programming guidelines
- Developed in a 2-week timeframe with regular sprints, progressively adding features (visual effects, upgrades, difficulty modes, etc.)
- Received continuous feedback from peers, and implemented their suggestions

What's That Letter?
- Developed a program that scans a certain area on the screen, expecting only one letter, and determines what the letter is
- Achieves this by counting the number of pixels belonging to a pre-chosen color within the area selected
- Accurately reads random letters placed in random locations on the screen