

Vedat Alp Goktepe

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Education

University of Toronto, HBSc Co-op Computer Science

Sep 2021 - Apr 2025

- Cumulative GPA: 3.76/4.00
- Awards: University of Toronto Scarborough Dean's List

Skills

Languages: Python, Java, JavaScript, C, Shell, Arduino, HTML, CSS, SQL

Frameworks and Tools: Firebase, Jira, React, Git, GitHub, Android Studio, MongoDB, SSMS, DBeaver

Concepts: Agile, Scrum, Test Driven Development, CI/CD

Experience

Software Developer Intern, Alphabyte Solutions

May 2023 – Present

- Worked with Python to develop scripts used daily in large scale systems for automation of API calls, SQL queries, and sending emails
- Constructed complex conditions and creative solutions in SQL and Python to match events with their relevant counterparts with 90% accuracy while allowing for event rematching in the case of changes

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 redundant code and completing multiple iterative tasks with loops, while keeping the code easy to read

Customer Support, S&P Data Digital

Feb 2021 – March 2021

- Tended the unique problems and needs 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

Personal Website (<https://vedatalpgoktepe.github.io/>)

- Designed and developed a responsive personal website using ReactJS, HTML and CSS
- Hosted and maintained on GitHub Pages, ensuring optimal user experience on multiplatform devices
- Configured the application for deployment and automated the build process to deploy the application to a hosting service with minimal down time

UTSC Course Planner (<https://github.com/VedatAlpGoktepe/b07FinalProject>)

- 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 (https://github.com/VedatAlpGoktepe/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