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Skills and Summary

About me

Recent graduate with CS and Math Major. I have strong knowledge of software fundamentals such as data structures, algorithm design, design patterns in object-oriented programming, and functional programming.

I have many experiences in Agile development projects in academic settings. I demonstrated that I can lead/manage scrums under Agile methodologies.

Software Dev	Others
JavaScript	Word
HTML/CSS	PowerPoint
Java	Excel
React.js	LaTex
SQL/MySQL	Kanban/Trello
C/Shell	Slack
Git/ Github	Discord Bot
Python	
Andriod Studio	

Relevant Experience

Developed an airline booking app with Java and Android Studio in a group of three. The app features calculation of the optimal flight path, booking flights. And the corresponding admin operations. (2016)
- Developed the backend algorithms in finding the optimal flight path
- Provided solutions for the rest of my group over linking the Java backend to the Android studio front end

Participated in the course project contest with a group of five; Using an agile development cycle, we developed an application for statistics students and instructors to manage their work. (2017)
- Made up user stories and tasks based on the client's needs
- Used spreadsheets to manage tasks weekly
- Developed the front end of the app
- Linked the MySQL database APIs to the front end
- Presented our prototype to the instructor

Led a group of four to design a new interface for Toad for Oracle, including an interactive prototype and software tutorial. (2018)
- Interviewed two Database Management software users for our data gathering
- Rolled out details for our GUI's requirements
- Data gathering (interviews and artifacts) from potential clients
- Evaluated our interface prototype based on the traversing times and user feedbacks

Participated in group projects simulating an open-source contribution process for the popular python library matplotlib (2019):
- Took on the position of scrum master for two working weeks
- Followed agile development process and meeting minutes
- Demonstrated understanding of the software structure and design patterns of matplotlib, and its open-source contribution processes
- Provided detailed reports, manual, and convincing acceptance tests and unit tests for the issues we have chosen to contribute.

Education

University of Toronto Scarborough Campus (UTSC)   *September 2014 - November 2019*

Graduate - Honours Bachelor of Science (BS)
Major in Computer Science and Major in Mathematics