M. AIYAZ NOOR
SOFTWARE ENGINEER

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SUMMARY

A full-stack developer / software engineer, looking to build exciting apps filled with beautiful creativity on the front-end and sound logic in the back-end. Love to learn exciting new ideas/technologies and teach it to others. Personal website: https://aiyazn25.github.io/.

EDUCATION

University of Toronto — Sept. 2011 to June 2018
BSc Computer Science & Mathematics 2018

EMPLOYMENT

University of Toronto — Toronto, ON, Canada
Teaching Assistant — Sept. 2016 to May 2018

• Work with Data Structures (Stacks, Queues, Trees, Linked Lists), efficient Algorithms, recursion.
• Teach classes of 30+ students covering Computer Science fundamentals & conduct code reviews.
• Possess strong verbal, communication, & leadership skills to articulate and convey ideas.
• Conduct live coding sessions using languages such as Python & Java, to solve problems algorithmically, and cover concepts such as Object Oriented Programming, UML design, Unit Testing, & Complexity. Demonstrate strong problem solving skills, while following good practices such as keeping code clean, structured, reused, and robust.

PROJECTS

InternHub
• Group project where we divided tasks, following Agile & Software Development Methodologies, across multiple Sprints, to develop a centralized Co-Op/Internship web platform.
• Main contributions: Implemented initial front end designs using HTML, CSS, and JavaScript. Made app elements such as the navbar styled and responsive. Used Django Template Inheritance to organize and reuse code.
• Technologies used: Django framework, Python, SQLite, HTML5, CSS3, JavaScript.

JShell
• Group project where we followed Agile & Software Development Methodologies, using Object Oriented design with CRC cards, UML diagrams, Scrum Meetings, and Product and Sprint backlogs to divide tasks among group members, to develop a mock file system, clone of Bash, purely in Java.
• One main contribution: I implemented a 'Path' class which tracked paths of all other files on the system, reducing the amount of code for other classes such as "mkdir", "cp", etc. drastically.
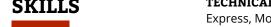
MLB Scoreboard
• An individual side project where I created a web app that displays team names and scores, stats for each batter, for each MLB baseball game, given a particular day.
• Acquired JSON API feed from a MLB API representing game data for a day, via nodeJS and Express framework, in the back-end.
• Features include toggling between next day and previous day, directly inputting a date to view all games for that day, viewing a game's details such as view score of each inning and stats of each batter of both teams.
• Technologies used: HTML5, CSS3, JavaScript, nodeJS, Express.
Link to code: https://github.com/AiyazN25/MLB-scoreboard-app

WB Users Page
• An individual side project where I created a proof-of-concept of efficiently keeping track of members involved in a Hackathon event, using ReactJS.
• Clean Component Heirarchy and use of JSX, to develop features such as tabular view showing members of different types when that type is clicked, and Random Name Generator with a Search Bar filter fills Members Table.
Link to code: https://github.com/AiyazN25/WBPage

SKILLS

TECHNICAL: Python, Java, C, HTML5, CSS3, JavaScript, Bootstrap, jQuery, ReactJS, Django, nodeJS, Express, MongoDB, RESTful API, SVN, Git, Bash & Linux