

# M. AIYAZ NOOR

## FRONT END ENGINEER (JAVASCRIPT & REACTJS)

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### SUMMARY

I'm a front-end / full-stack developer, proficient with Javascript and, in particular, React. I love to learn exciting new ideas/technologies and understand that learning should never stop! 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

- Taught Data Structures (Stacks, Queues, Trees, Graphs, Linked Lists, etc), efficient Algorithms, recursion, etc.
- Possess strong verbal, communication, & leadership skills to articulate and convey ideas and coordinate group work.
- Conduct live coding and code review sessions using languages such as Python & Java, to solve problems. Taught Object Oriented Programming, UML design, Unit Testing, & Complexity. Demonstrate strong problem solving skills, while following good practices such as keeping code clean, 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

- Used HTML, CSS, Javascript with Node, Express, & Request to acquire JSON API feed, to create an app that displays team names & scores, stats for each batter, for each game, given a particular day.

Link to code: <https://github.com/AiyazN25/MLB-scoreboard-app>

#### Deck Builder Application

- Implemented with React, fetches all card data from yagopdeck API. Used React.PureComponent and React.Memo to optimize component rendering. Incorporated Redux to handle complex state management.
- Jest and Enzyme are used for testing, and the application will soon have authentication and a back-end.

Link to code: <https://github.com/AiyazN25/WBPage>

### SKILLS

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