Muhammed Imtiyaz

Software Engineer

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PROJECTS

NoTable, Ruby on Rails, Postgresql, React/Redux
An online restaurant-reservation website inspired by openTable, built on Ruby on Rails and React Redux.

- Implemented Redux lifecycle methods, AJAX calls, RESTful API to update user data.
- Created a reusable modal component for rendering "login/signup" forms.
- Using React Router to bootstrap user authentication check without querying backend SQL database.
- Seamlessly aligned the front-end with React and Redux and backend PostgreSQL database using JBuilder.
- Applied CSS Media Queries to fit content into different resolutions and achieved fully responsive design.

The End of Snake, Vanilla JavaScript, Canvas
A puzzle platformer created with HTML5 and Canvas.

- Built with Object Oriented Programming principles
- Created custom collision detection in Javascript/Canvas, checking the player's position relative to the platforms.
- Implemented custom JavaScript class states for player falling, movement through platforms and platform ejection.

EXPERIENCE

QUEENS COLLEGE, Queens, NY
Tutor/Mentor, SEEK Program & Beta Delta Chi Honors Society

September 2016 - May 2018

- Worked closely with qualified freshmen, mentoring them navigate their undergraduate college career and assisted them with their courseworks in STEM subjects.

Research Assistant
September 2015-December 2017

- Primarily focused on synthesizing inhibitors and repressors for an overly expressed protein in cancer cells. Led training of new recruits in tasks such as organizing and updating database with newer findings.
- Devised protocol that increased peptide sample synthesis efficiency.
- Cultivated interdepartmental and intradepartmental relationships, resulting in fruitful collaborations.

New York Hospital, Queens, NY — *ER Volunteer*

January 2016 - December 2017

- Assisted staff running errands related to patient care
- Shadowed Primary Care Physicians and ER surgeons

SKILLS

- Ruby
- Ruby on Rails
- JavaScript
- React
- Redux
- HTML5/CSS3
- PostgreSQL
- jQuery
- Git
- Rspec

EDUCATION

App Academy, New York

November 2018 - February 2019

- Rigorous 1000-hour web development bootcamp with <3% acceptance rate
- Learned full-stack development: Rails, SQL, JS, React, TDD, OOP, REST and algorithms with best coding practices.

CUNY Queens College, New York
B.A. Biochemistry, Minor in Biology

September 2014 - May 2018

- Graduated cum laude.
- Member of Beta Delta Chi Honors Society and National Society of Collegiate Scholars.