📞 832.729.5453

✉ farshid_bd@hotmail.com

MD FARSHID ZAMAN

📁 www.farshidzaman.me

in www.linkedin.com/in/fzee23

🔘 www.github.com/zama1024

EDUCATION

App Academy · Web Development
December 2016 - March 2017

- 1000-hour full-stack programming course with <5% acceptance rate

University of Houston · BSc in Electrical and Electronics Engineering
May 2016 · 3.13 GPA

- **Curriculum Highlights**: Computer Architecture, Computing for Engineers, Digital Logic Design, Analog and Digital Electronics, Microprocessors

SKILLS

Ruby	Ruby on Rails	JavaScript	jQuery	React.js
SQL	Redux	HTML	CSS	Git
AWS	Heroku	RSpec	C	MATLAB

TECHNICAL EXPERIENCE

Omron Oilfield and Marine, Capstone Design Project
August 2015 – May 2016

- Won 1st place award for the best senior design project at UH Capstone Design Conference 2016.
- Built prototype of a real-time 3D positional sensor system for an oil company to increase safety of workers around drilling rig equipment by programming microprocessors.
- Programmed a TI microcontroller to control Hall sensors, 6 DOF IMU sensors and establish wireless RF communication.

RECENT PROJECTS

CareBNB – Ruby On Rails, ReactJS/Redux
Live · GitHub

An Airbnb inspired single page web application for housing rentals.

- Utilizes the Redux unidirectional data flow in conjunction to React.js and node package manager to create a fast rendering web page on the frontend.
- Implements user authentication, rental creation, booking and customer reviews using the MVC pattern and PostgreSQL database on the backend.
- Integrates Google Maps API for geolocation based apartment searching for a pleasant UX.
- Applies a custom model level validation to implement the booking and search logic based on the provided dates and search parameters.

Crazy Cabbie - JavaScript, HTML5
Live · Github

A browser based javaScript car game.

- Uses JavaScript and jQuery to create game on the frontend
- Utilizes HTML5 and canvas for a visually pleasant user experience.
- Car direction is responsive to user key input.

DOMinator – JavaScript
Github

A jQuery inspired JavaScript library for DOM manipulation.

- Uses Vanilla JavaScript to emulate basic jQuery DOM manipulation functionality like sending AJAX requests, adding event listeners, adding or removing classes and finding different nodes on the DOM.