Wookeun Oscar Song

Software Developer

Languages: English, Korean, Spanish
Current Residence: Austin, TX
Work Eligibility: U.S Citizen

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Work Experience

Full Stack Web Developer / Freelance
September 2019 - Present
- Build and maintain all the work of databases, servers, systems engineering, and clients of web apps

Current Client: *Menos*
  - Building a secure multi-way direct payment system for both C2B and B2B to cut third party fee
  - Implementing a complex relational database to enhance product and user management for employees

***USA Climbing* certified Routesetter** / *Austin Bouldering Project*
July 2017 - September 2019, Austin TX

Front-End Web Developer / *UT at Austin Competition Climbing Team*
September 2016 - September 2017, Austin TX
- Managed an eye-catching website with most up to date information to maintain donors' annual funds
- Built functional and aesthetic structures of responsive web pages to promote public team events

Computer/Hardware Network Support Specialist / *Austin Korean School*
August 2015 - September 2019, Austin TX
- Resolved technical issues in classrooms of 200+ students to maintain a consistent learning experience
- Assisted event planners with media production attended by 1.5k+ visitors annually

Tech Advisor/Floor Salesman / *UT at Austin Campus Computer Store*
September 2014 - February 2015, Austin TX

Lead Robotics Software/Electrical Engineer / *Miracles & Machines*
November 2012 - May 2014, Austin TX
- Built software and electrical components of multi-functional robots that drive, catch, collect, carry, throw objects both autonomously and tele-operationally, assisted by sensor feedback control system
- Led software & electrical teams to advance to finals of competitive 100+ team international tournaments
- Managed cross-functional integrations between mechanical, electrical, and software components

Projects

Solo: *DareMe* - [App] | Repos: [back-end], [front-end]
A social media platform where users dare each other to challenges for profit
  - Designed and built a multi-layer relational data system on Atlas cloud to handle state changes
  - Utilized JWT to store and transport encrypted user information from the client-side to the cloud

Team: *FBI Crime Stats* - [App] | Repo: [full-stack]
A graphical website that shows detailed crime data of each states from 1979 to 2019
  - Scraped raw crime data directly from usa.gov to provide users the most updated accurate data
  - Developed front-end using Vanilla JavaScript for low level controls and direct DOM manipulation

Skills

Languages: JavaScript, Java, Ruby, HTML, CSS, SQL

Frameworks/Libraries: NodeJS, ExpressJS, ReactJS, Ruby on Rails, Bootstrap

Tools: Git, MongoDB, PostgreSQL, Netlify, Heroku

Education

Flatiron School / Software Engineering Certificate
September 2019 - January 2020, Austin TX
  Classes: Object-Oriented Programming, Product Management, Web and Front-End Frameworks

The University of Texas at Austin / worked towards B.S. Computer Science
Fall 2014 - Fall 2017, Austin TX
  Classes: Computer Organization and Architecture, Data Structure, Discrete Math for C.S, Calculus