

Wookeun Oscar Song

Software Developer

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

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Professional Experience

Full Stack Web Developer / Freelance

September 2019 - Present, Austin TX

- Build and maintain all the work of databases, servers, systems engineering, and clients of web apps
- ONE the blank**
A unique contemporary fashion brand run on webstore for business-to-consumer shopping
 - Currently under development implementing features and design requirements from the client
- Solo Project: DareMe** - [App](#) | Repo: [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 Project: 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

USA Climbing certified Routesetter / Austin Bouldering Project

July 2017 - September 2019, Austin TX

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

- Ensured university departments' successful daily operations with software and hardware support
- Assisted in sales consultation and post-sales technical support to improve customer satisfaction

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

Skills

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

Frameworks/Libraries: NodeJS, Ruby on Rails, ReactJS, Jest, Mongoose, PostgreSQL, ExpressJS, Bcrypt, Bootstrap, Axios, EmailJS, ChartJS

Tools: Git, MongoDB Atlas, Heroku, Netlify, JSON Web Token, Google API, FBI Crime Data API

Education

Flatiron School / Software Engineering Certificate

September 2019 - January 2020, Austin TX

- Immersive software engineering web development focused certificate program
- 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

- UT Rock Climbing Team - [Webmaster](#) (16 - 17), MVP (16 - 18)
- Classes: Computer Organization and Architecture, Data Structure, Discrete Math for C.S, Calculus