

# 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 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