

Wookeun Oscar Song

Software Developer

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

512.701.0704
wookeun.s@gmail.com | wookeun-s.com
github.com/biggo | linkedin.com/in/wookeun-s

Work Experience

Software Quality Engineer | @ Google via Qualitest

October 2020 - Present

- Improved Google Assistant AI and ML algorithms while working closely with Google software developers
- Analyzed failed data and further related diagnosis to identify, isolate, and track bugs throughout testing

Full Stack Web Developer | Freelance

September 2019 - October 2020

- Build and maintain all the work of databases, servers, systems engineering, and clients of web apps
- Implemented 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

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

Team Projects

Solo: DareMe - [App](#) | Repos: [back-end](#), [front-end](#)

December 2019 - January 2020

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](#)

November 2019

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: Python, JavaScript, Java, Ruby, HTML, CSS, SQL, LabVIEW

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