Abel Kim

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Summary

Full stack web developer with mechanical engineering and software engineering experience educated at UT Austin. Skills in HTML, Javascript, Node.JS, and React and strengths in agile methodology, teamwork, problem solving, and practical solutions. Fascinated by computer science fundamentals and approaching problems bit-by-bit until the bug is fixed. I worked on a team of 5 to implement a MERN single page application that helps the user keep track of their daily exercise routine. I'm excited to utilize my skills as part of a fast-paced, quality-driven team to build better experiences for our users.

Technical Skills

- **Front-End** | JavaScript (ES5, ES6+), React, jQuery, HTML, CSS
- **Back-End** | Node.js, Express, MySQL, Sequelize, REST APIs, Python
- **Miscellaneous** | Git, Agile Methodology, Test Driven Development, Heroku

Projects

Pet vs Pet | UT Austin Coding Boot Camp   *Back-End Engineer*
A RESTful social media site application that allows users to share, comment, and upvote pet photos
- Setup the CRUD routes using Express.js and MVC pattern
- Authenticated user logins with bcrypt
- Deployed website to Heroku server

Drinks N' Dice | UT Austin Coding Boot Camp   *Front-End Engineer*
A single page application to help the user decide on a board game and drink choice based on user input.
- Read the documentation and implemented API calls for the BoardGameAtlas API
- Added Javascript logic for the user query
- Stored persistent data into localStorage

VesiCor Senior Design Project | The University of Texas at Austin   *Software/Hardware Engineer*
A medical implant prototype intended for porcine proof-of-concept testing.
- Created Arduino code for the medical implant prototype
- Practiced Agile methodology to keep the team focused throughout the project
- Designed, 3D-printed, and laser cut a casing for the prototype

Professional Experience

Sushi Nomi   June 2020 - January 2022
Hot Chef Assistant and Server   Fort Worth, Texas
- Strove to uphold a space of diversity and inclusion through dozens of daily interactions with the community through commerce

Education

The Coding Boot Camp at UT Austin Certificate   Feb. 2022

The University of Texas at Austin | *B.S. in Mechanical Engineering*   Dec. 2021
   Elements of Computing Certificate