Michael Jones

michaeldjonesy@gmail.com • michaeldjones.github.io • github.com/MichaeldJones • 818-445-5998

Education

University of Colorado, Colorado Springs, CO, Graduated May 2020
Bachelor of Science in Computer Engineering
GPA: 3.64/4.0

Projects

mimizu.be
github.com/MichaeldJones/mimizu-api • github.com/MichaeldJones/mimizu-react

- Implemented a RESTful API to serve data from a PostgreSQL database using Go
- Created a React Front end to act as a page to serve the data to users
- Hosted on AWS using EC2, CloudFront, and Route 53

wagablog.de
github.com/MichaeldJones/wagablog-react • github.com/MichaeldJones/wagablog-rails

- Designed and Developed a CRUD website using Ruby on Rails and PostgreSQL
- Reimplemented the website as a static site using React

Senior Design Project

- Coordinated with the team and corporate sponsor Sierra Nevada Corporation for meeting, updates on progress, documents, and presentations
- Wrote embedded software to collect sensor data and send it formatted into a web portal using an Arduino

Experience

Software Support Engineer | TekExperts   July 2020 – Oct. 2020

- Supported Azure App Services for users
- Debugged performance and configuration issues

Data Engineer Intern | Ent Credit Union   May 2019 – Aug. 2019

- Developed stored procedures to perform ETL (extract-transform-load) with MS SQL Server
- Wrote documentation for the database which helped the team better understand the data
- Tested the database to make sure what the team developed worked as intended

Computer Science Tutor | University of Colorado   Jan. 2019 – May 2020

- Managed the tutoring center with an average of 4 students needing assistance at a given time
- Supported students in debugging and understanding their code

Skills

Languages: C, Go (Golang), Python, JavaScript, Ruby, PHP, Java.
Other: Linux/Unix, git, MS SQL Server, PostgreSQL, React, Ruby on Rails, AWS, Azure
Foreign Language: Japanese