

Kalju Jake Nekvasil

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Summary

Recent graduate from the University of Massachusetts – Amherst with a B.S. in Mathematics. Possesses full stack competencies; is proficient in both front and back-end development, including database experience.

Skills

Programming : Python, Java, Swift

Web Development : JavaScript, React, Bootstrap, Webpack, Flask

Other : MySQL, Git, Docker

Projects

Nemo : Flask based RESTful API with a React WebApp front-end that communicates with an MySQL Server.

ThroStatz : Swift iOS app that collects data off of the Apple Watch accelerometer, parses it into a CSV file, and uploads CSV data to a WebApp.

Interom : Python application that initializes a functioning chess board along with its logic.

SpeedTypier : Flask based WebApp that calculates WPM and allows multiple users to compete simultaneously.

Shorecrest Maps : Objective-C iOS app that gathers and displays logistical information for Shorecrest Preparatory School students.

React-Blackjack : WebApp using React that visually simulates a game of blackjack then gathers and displays analytics.

Experience

Research Intern

Goodman & Nekvasil, PA • St. Petersburg, Florida

06/2020 - 08/2020

Automated various firm research procedures, improving cost efficiency by cutting task completion time and labor cost.

Worked with databases to aggregate and organize large amounts of multi-relational data.

Education

Bachelors of Science in Mathematics

University of Massachusetts at Amherst • Amherst, MA

Double Concentration in Applied and Computational Mathematics