Khuong Le

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SKILLS

Languages: JavaScript • SQL • HTML5
Back-end: Express • Sequelize • Google Firestore
Front-end: React • Redux • CSS • Chart.js

Testing: Mocha • Chai • Jasmine
Video-Share: Twilio • Web RTC • Zoom SDK
Other: Node • Gitflow • PostgreSQL • Socket.io

PROJECTS

Chalkboard - Developer - github.com/2006-yoshis-yodelers/chalkboard

An online gradebook platform with streaming capabilities for teachers to lecture.

- Vetted different video technologies including Simple-Peer and Vanilla Web RTC before selecting Zoom SDK for greater flexibility
- Built front- and back-end assignment feature that allows teachers to manage student progress
- Designed PostgreSQL schema for flexible and efficient data use

Daily Schedule - Solo Developer - github.com/Khnghle-personal-projects/daily-schedule

An app to organize daily activities.

- Planned and executed a project in 4 days using Trello
- Stored user input data within Google Firestore
- Presented data in a dynamic pie chart with Chart.js

Graceful Suds - Developer - github.com/grace-shopper-org/graceful-suds

An e-commerce website that sells assortments of soap.

- Protected backend from cybersecurity attacks using Express middleware
- Persisted cart data using Express, Sequelize ORM, and PostgreSQL following RESTful API principles
- Managed front-end state with Redux and created reusable front-end components using React for shopping cart feature

WORK EXPERIENCE

Fullstack Academy   September 2020 - Present
Software Engineer Teacher's Assistant

- Managed a 7-developer learning team's progress via surveys, attendance, office hours and coding assignments
- Served as a project lead for a 4-developer e-commerce team and a 3-developer capstone team
- Lead algorithm lectures for 32 students using Zoom
- Mentored 35 students and helped them debug various coding problems
- Conducted up to 5 technical admissions interviews per week with prospective students

Focal Point/Ageless Eyecare   August 2018 - January 2020
Optometric Technician

- Prepared patients for Optometrists using Daytona Plus and Optovue software
- Set up weekly patient schedules by phone and in-person
- Ensured patient quality control for color blindness, depth perception and basic script

University of Illinois at Chicago College of Dentistry   September 2017 - June 2018
Research Assistant

- Researched and compiled scientific inquiries pitched by the Principal Investigator
- Proofread 3 research proposals comprising scientific research on Alzheimer in mice

EDUCATION

FullStack Academy   June 2020 - September 2020
Immersive Software Engineering Bootcamp
University of Illinois at Chicago   August 2014 - June 2018
Bachelor of Science in Biochemistry, Cum Laude Distinction   GPA: 3.5