

# Khuong Le

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## SKILLS

**Language:** JavaScript

**TDD:** Mocha • Chai • Jasmine

**Back-End:** Express • Sequelize • PostgreSQL • SQL

**Video-Share:** Twilio • Web RTC • Zoom SDK

**Front-End:** React • Redux • CSS • HTML5 • Chart.js

**Misc:** Node.js • Gitflow • Google Firebase • Socket.io

## PROJECTS

**Graceful Suds - Developer -** [github.com/grace-shopper-org/graceful-suds](https://github.com/grace-shopper-org/graceful-suds)

*An Ecommerce website that sells various assortments of soap.*

- Created a working cart front-end component using React and Redux
- Tied cart to database using Express, PostgreSQL, and Sequelize following RESTful api principles
- Protected backend routes with middleware in Express for extra layer of cybersecurity against hackers

**Daily Schedule - Solo Developer -** [github.com/Khnghle-personal-projects/daily-schedule](https://github.com/Khnghle-personal-projects/daily-schedule)

*A 4-day hackathon project with the purpose of organizing daily activities.*

- Scoped out a project within a very short time frame of 4 days using Trello
- Managed user input data with Google Firebase
- Presented data in visually appealing manner using Chart.js

**Chalkboard - Developer -** [github.com/2006-yoshis-yodelers/chalkboard](https://github.com/2006-yoshis-yodelers/chalkboard)

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

- Tested different video technologies like Simple-Peer, Vanilla Web RTC, before settling on Zook SDK
- Built a completely vertical slice for assignment functionality with RESTful principles with Sequelize, React and Redux which encompasses both front and back end.

## WORK EXPERIENCE

**Teaching Fellow at Fullstack Academy**

September 2020 – Current

*Software Engineer Teacher's Assistant*

- **Actively managed a 7-developer learning team's** progress via surveys, attendance, office hours and grading 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
- Provided mentorship for students and helped them debug various coding problems
- **Conducted up to 5 weekly admissions code interviews** 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**

Fall 2017 – Summer 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**

*Immersive Software Engineering Bootcamp*

**University of Illinois at Chicago**

Spring 2018

*Bachelor of Science in Biochemistry, Cum Laude Distinction*

GPA: 3.5