

NICK KUEK

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SKILLS

React, Redux, JavaScript, TypeScript, Python, Express, Socket.IO, Flask, SQLAlchemy, Sequelize, PostgreSQL, HTML5, CSS3, Mocha, Chai, Pytest, Flask-Socket.IO, Node.JS, TDD, OOP, Github, Heroku, AWS S3, Agile, Apollo GraphQL, REST API, Docker

PROJECTS

WhatsAppening | React, Redux, JavaScript, MaterialUI, Socket.IO, Express, Sequelize

[live](#) | [github](#)

A full stack clone of the popular messaging application, WhatsApp

- Showcased React and Redux proficiency by creating a mobile-friendly, responsive, single-page application
- Integrated AWS S3 for upload capability of user profile and chat room images by creating a dedicated API route that validated user data before needlessly uploading to AWS
- Designed full CRUD functionality for contacts, messages, users, and chat rooms using Redux for optimal user experience
- Implemented live chat functionality between groups of 10+ users by using Socket.IO to create web sockets

SortEd | React, JavaScript, CSS, MaterialUI

[live](#) | [github](#)

A simple, sleek, interactive sorting algorithm visualizer

- Created custom animation function to visualize bubble sort, insertion sort, selection sort, quick sort, and merge sort algorithms
- Designed fully functional theme chooser and ability to customize animation speed and array size to enhance user experience

Discordance | React, Redux, Flask-Socket.IO, Socket.IO, JavaScript, Flask, Python

[live](#) | [github](#)

A full stack clone of Discord, a popular messaging and gaming application

- Collaborated with a small team utilizing Github workflow to work on multiple features simultaneously
- Researched and successfully implemented web sockets in Python to enable live chat within servers
- Mentored team members on React, Redux, and web sockets to ensure a mutual understanding of the code

EXPERIENCE

Emergency Medical Technician

Grady Health System / Delta Ambulance

Sept 2019 - Aug 2020

- Responded to 6+ medical emergencies throughout the Greater Atlanta area every 12 hour shift
- Collaborated with partner and medical team to enact split second medical decisions through clear, concise communication and critical thinking
- Administered oxygen and nebulizer therapy to COVID-19 patients

Emergency Department Medical Scribe

Emory University Hospital

Apr 2018 - Sept 2019

- Developed macros within the medical charting system to boost typing speed from 80wpm to 120wpm over 2 months
- Trained and oversaw groups of 3+ medical scribes every other week by shadowing their shifts and providing constructive feedback

Resident Advisor

Emory University

Aug 2016 - May 2018

- Built communities within the residence hall by designing and organizing 3+ educational or social programs every month
- Advised the 15-30 students in my section of the residence hall by offering advice, resources, and appropriate support for personal or academic problems they faced

EDUCATION

App Academy

Intensive 2000+ hour full stack web development bootcamp with < 3% acceptance rate

Nov 2020 - Apr 2021

Grady EMS Academy

Advanced EMT (AEMT) License

Mar 2019 - July 2020

Emory University

Bachelor of Science in Biology

Aug 2014 - May 2018