

Elijah Kinkade

ekinkade21@gmail.com | 314-640-0018 | linkedin.com/in/elijah-kinkade-ek21/

EDUCATION

Northeastern University, Boston, MA

September 2020 - May 2024

Khoury College of Computer Sciences

Bachelor of Science in Computer Science and Cognitive Psychology

Honors: GPA: 3.96/4.0 | Dean's List: Fall 2020 - Spring 2024

Relevant Courses: Software Engineering | Web Development | Object Oriented Design (OOD)
Algorithms and Data Structures | Game Programming | AI | HCI

TECHNICAL KNOWLEDGE

Languages/Frameworks: Java, React, React Native, Javascript, Typescript, C++, Python, Ruby on Rails, HTML/CSS
Applications and Other: Git, Node.js, PostgreSQL, MongoDB, Figma, Android, Jest, JUnit, Docker

EXPERIENCE

Clora, Boston, MA

July 2023 - November 2023

Full-Stack Software Engineer Co-op

- Built resources for a life sciences organization including profile pages and management of clinical proposals
- Engaged in end-to-end web application development using **React.js** and **Javascript** for the frontend and **Ruby on Rails** for the backend to create scalable and responsive user-facing experiences and web services
- Employed ActiveRecord for **relational database** migrations and other management operations
- Tested new features and implementations with Rspec and Selenium to maintain TDD methodology
- Deployed to Heroku cloud platform hosting services to maintain continuous integration and continuous deployment (CI/CD) pipelines

Tive, Charlestown, MA

June 2022 - December 2022

Backend Software Engineer Co-op

- Developed an emulator that connects to a TCP server to asynchronously send encoded byte stream packages that represent complex geolocation and sensor data information
- Implemented serialization functions for both TCP and HTTP clients to connect with hosted server and Docker containers to reduce hardware debugging time by over 200%
- Constructed **RESTful API** endpoints to allow for the directed traffic of emulated information
- Oversaw data sanitation and participated in management of AWS services during escalations
- Engineered a user interface using frontend practices through **Angular**, **TypeScript**, and **Node.js**
- Actively participated in Scrum and Agile development practices and rituals

PROJECTS

Snapper

March 2024 - Current

- Prototyped and developed a full-stack **React** web application for sharing SCUBA photos
- Utilized **Node.js** and **TypeScript** for frontend/backend communication through custom RESTful API
- Created a pipeline connecting **MongoDB** to the backend for storage of uploaded photos, user posts, fish library
- Customized feeds based on user preferences, geotagging posts with related search terms for external API calls
- Collaborated with a team of designers and engineers to deliver a mobile version using **React Native**