

Myka Kugaya

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EDUCATION

Boston University College of Arts and Sciences

Bachelor of Arts, Computer Science

GPA: 3.70

Boston, MA

Sep 2018 - Aug 2022

University of California, Los Angeles (UCLA) Extension

Full-Stack Web Development Bootcamp Certificate

Los Angeles, CA

Mar - Jul 2020

- Completed a full-time program (40+ hours/week) to broaden knowledge of web application programming
- Designed and developed three major projects using JavaScript/React, SQL/MongoDB, and Heroku in collaboration with rotating teams of 3-4

RELEVANT COURSEWORK

Data Structures, Combinatoric Structures, Geometric Algorithms, Analysis of Algorithms, Probability in Computing, Statistics I/II, System Abstraction, Software Engineering, Database Systems, Mobile App Development, Applied Cybersecurity

AWARDS

Spark! Innovation Fellowship Award

May 2022

- Demo Day winning undergraduate team (representing project Minute) for best project idea/presentation

Boston University College of Arts and Sciences Dean's List

May 2019 – May 2022

- Awarded honor for maintaining a semester GPA of 3.5 or higher during undergraduate career

WORK EXPERIENCE

Boston University Medical Center / Research Lab Assistant

Boston, MA / Jan 2019 – Dec 2020

- Coordinated weekly lab meetings as lead undergraduate researcher to present study progress and results
- Trained and supervised the newly hired undergraduate students
- Analyzed research participants in sleep study by annotating their sleep patterns in recorded videos using Python, ELAN, and Microsoft Excel

PROJECTS

Minute | <https://minute-app-spark.herokuapp.com> | <https://github.com/andyvvo/minute-react>

Jan 2022 – May 2022

- Created a React web app with Firebase backend as a solution to the lack of public speaking resources available in public education
- Designed to motivate and assist young adults who want to improve their public speaking but do not have the opportunity to, especially those preparing for presentations or job interviews
- Integrated a coaching system to set user goals, transcribe recordings using Assembly AI API and highlight filler words, as well as provide valuable resources for users to review
- Coordinated meetings with the team of developers, designers, and mentors on a weekly sprint/demo schedule

Tempo Keeper | <https://github.com/mykakugaya/tempo-keeper> | Leader

Fall 2021 – Present

- Launched a Native Android mobile application in Java with a Firebase back-end that allows users to customize their running routes and play music that dynamically changes to match their live running pace/tempo, then review statistics on their past runs
- Set flexible weekly sprint goals and facilitated communication with a team of 5 on a weekly Scrum Master rotation to implement Spotify, Google Directions, and Google Elevations APIs
- Currently being refined for production and publication to Google Play Store

Jo The Fish | <https://jothefish.com> | <https://github.com/Jo-The-Fish/site> | Software Developer

Aug 2020 - Mar 2021

- Joined and collaborated with the Jo The Fish start-up company team to develop a React web platform to raise awareness of the ethical standpoints of companies and their websites
- Built the Jo The Fish Google Chrome extension and community website utilizing React and Firebase (translated Figma templates for the front-end website development)
- Structured and maintained team communication between developers as well as with the design and marketing teams

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, C, JavaScript, React.js, React Native, HTML/CSS

Other Technologies: Microsoft, Node.js/Express, SQL, MongoDB, Android Studio, Firebase, GitHub, Heroku, Linux, Oracle VM, Ghidra, Figma, Miro, Jira