

# Raymond Eah

Boston, MA | eah.r@northeastern.edu | raymondeah.com | github.com/raymondeah | US Citizen

## EDUCATION

### Northeastern University

Bachelor of Science in Computer Science

Boston, MA

Sep. 2020 – Dec. 2023

- GPA: 3.86/4.00
- *Completed:* Object Oriented Design, Database Design, Computer Systems, Algorithms and Data
- *Pending:* Web Development, Networks and Distributed Systems, Fundamentals of Software Engineering

## SKILLS

**Languages:** TypeScript, JavaScript, Python, Java, HTML, CSS, SQL

**Technologies:** Vue, Svelte, Flask, Node, JUnit, MongoDB, MySQL

**Developer Tools:** Git, GitHub, GitLab, Docker, Jenkins, Jira, Linux, Jupyter, LaTeX, Google Earth Engine

## EXPERIENCE

### Oracle

Software Engineer Intern

(Remote) Austin, TX

May 2022 – Aug. 2022

- Migrated 10+ microservices across 3 separate SaaS products from Java 8 to Java 17, to ensure long term support for end users and developers.
- Leveraged GitLab CI/CD to merge two separate Jenkins and GitLab pipelines into one CI/CD pipeline.
- Successfully configured and published a Docker-in-Docker image for use in CI/CD pipeline.
- Collaborated with team members using agile/scrum methodology and two week sprint cycles.

### Kostas Research Institute (KRI)

Data Science Co-op

Burlington, MA

Jan. 2022 – May 2022

- Primary designer of object detection model from multimodal remote sensing data, built from scratch.
- Deployed an automation pipeline using Python and Bash scripts, reducing model runtime by over 75%.
- Used a high performance computing cluster to process/parallelize data-intensive computations at scale.
- Collaborated with team to detail novel methods and research findings in a preprint.

### Northeastern University

Undergraduate Teaching Assistant

Boston, MA

Sep. 2021 – Dec. 2021

- Held four office hours a week to mentor 900+ Discrete Structures students on discrete math curriculum.
- Collaborated with course staff through assignment/exam grading as well as weekly grading meetings.

## PROJECTS

### Allegrify | *Vue, Flask, TypeScript, Python, MongoDB*

- Created a service to discover new music by swiping through song recommendations ("Tinder for Spotify").
- Developed Flask API to handle OAuth2 workflow and manage data from Spotify API endpoints.
- Built out a fully responsive and mobile-first card-based UI design using Vue components.

### RUMBLE (wordleaut.com) | *JavaScript, HTML, CSS*

- Created an Attack on Titan themed variant of the popular game Wordle from scratch and hosted on Netlify.
- Engineered all features of original site, including fully responsive design and local storage cache.
- Implemented bugfixes and feature extensions based on feedback from 1000+ monthly users.