

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 15+ microservices across 3 separate SaaS products from Java 8 to Java 17, to ensure long term support and maintain 3rd party compatibility.
- Streamlined deployment process by using GitLab CI to merge 2 separate GitLab and Jenkins pipelines.
- Created a Docker-in-Docker image to support nested containerization required in CI/CD pipelines.
- 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

- Leveraged Python, Google Earth Engine API, and open data to create an object detection model from multimodal remote sensing data from scratch.
- Deployed automation pipelines 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.