

# Miles Eng

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Motivated junior at Duke University with an aptitude for object-oriented programming and full-stack development. Proficient in a multitude of technologies and frameworks, including Java, React.js, and Python.

## EDUCATION

### DUKE UNIVERSITY, B.S. COMPUTER SCIENCE + GLOBAL HEALTH

Aug 2021 – May 2025 | Durham, NC

**Cumulative GPA:** 3.95

**Extracurriculars:** Partners in Health Engage, Association of Mixed People @ Duke

**Coursework:** Design & Analysis of Algorithms, Database Systems, Computer Architecture, Data Structures & Algorithms, Linear Algebra, Discrete Math for CS, Regression Analysis

## EXPERIENCE

### OAK STREET HEALTH | SALESFORCE DEVELOPER INTERN

May 2023 - Aug 2023 | Remote

- Implemented security controls, roles, profiles, and permission sets in Salesforce CRM to ensure data security and compliance with HIPAA regulations
- Applied Agile methodologies to redesign existing business processes, leading to a 55% increase in efficiency in critical user workflows related to the creation and maintenance of company-wide data access policies

### DUKE STATISTICS DEPARTMENT | UNDERGRADUATE TEACHING ASSISTANT

Aug 2022 – Current | Durham, NC

- Assist with teaching introductory data science courses in R with an enrollment of 300+ students
- Provide feedback on lab assignments, lead lab sections of 25-30 students and hold office hours
- Communicate effectively with the professor and graduate TAs to continuously evaluate student progress and develop plans for improvement

## PROJECTS

### ALCOHOL USE BEHAVIORAL PHENOTYPING TEST | REACTJS, FIREBASE

Aug 2023 - Current | Durham, NC

#### Project Overview

- Contribute to the development of a multilingual computer application that uses tasks to assess patients' alcohol use behaviors
- Create gamified versions of behavioral paradigms in the Research Domain Criteria (RDoC) framework using ReactJS
- Integrate front-end of application with back-end using Firebase, ensuring efficient data handling, user privacy, and system performance
- Employ systematic review techniques on a diverse range of scientific literature regarding addiction and its correlation with RDoC constructs

## TECHNICAL SKILLS

- **Languages:** Java, JavaScript, HTML/CSS, SQL, R
- **Platforms/frameworks:** Git, NodeJS, ReactJS, Redux, Docker, Agile, relational databases