Miles Eng

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Motivated and goal-oriented student and activist with a passion for innovating through data to foster a more equitable future.

EDUCATION

DUKE UNIVERSITY | B.S. COMPUTER SCIENCE, A.B.2 GLOBAL HEALTH

Aug 2021 – May 2025 | Durham, NC

- → **Cumulative GPA**: 3.95/4.0
- → **Awards**: Dean's List with Distinction - Fall 2021, Spring 2022, Fall 2022
- → **Extracurriculars**: Partners in Health Engage, Association of Mixed People @ Duke

EXPERIENCE

DUKE UNIVERSITY | BASS CONNECTIONS FELLOW

Aug 2023 - Current | Durham, NC

- → Alcohol Use Behavioral Phenotyping Test for Global Populations
- → Contribute to the development and trans-cultural adaptation of a multilingual computer application that uses games and tasks to assess the user's alcohol use behaviors
- → Develop tasks in the Unity framework to create gamified versions of RDoC-based behavioral paradigms
- → Contribute to the integration of log-in and data management system at the back-end with Firebase to ensure efficient data handling

OAK STREET HEALTH | SALESFORCE IT ANALYST INTERN

May 2023 - Aug 2023 | Remote

- → Assisted in the implementation and customization of Salesforce CRM for a sales team of 1000+ members
- → Implemented security controls, roles, profiles, and permission sets to ensure data security and compliance with HIPAA regulations
- → Leveraged existing business processes to spearhead the redesign of critical user workflows regarding 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 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

LGBTQ+ LAWS VISUALIZATION AND ANALYSIS | R

Jan '23

- → Synthesizing data from the Movement Advancement Project (MAP) and the US Census Bureau's Household Pulse Survey (HPS), created informative visualizations regarding LGBTQ+ laws in the US and related outcomes for LGBTQ+ individuals

COURSEWORK

Regression Analysis • Database Systems • Design & Analysis of Algorithms • Computer Architecture • Data Structures & Algorithms • Discrete Math for CS

SKILLS

communication • collaboration • problem-solving • quick learner • detail-oriented

PROGRAMMING

R	●●●●○
Python	●●●●○
Java	●●●●○
JavaScript	●●●●○
HTML/CSS	●●●●●
SQL	●●●○○

LIBRARIES/FRAMEWORKS

R Shiny	●●●○○
Node.js	●●●○○
Bootstrap	●●●●○

TOOLS/PLATFORMS

Tableau • Git • Salesforce • Unix