

# Mariam Mayanja

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## EDUCATION

**University of Washington, Seattle, WA**

June 2021

**Degree:** Computer Science and Engineering

**Interests:** Machine Learning, Data Science, Graphics and Design, Biology

**Relevant Coursework:** Calculus Series, General Chemistry Series, Computer Science, Linear Algebra

**Skills:** Java, Javascript, UX/UI Design, User Research, HTML / CSS

## PROFESSIONAL EXPERIENCE

**Microsoft, Explore Intern, Redmond, WA**

06/2019 – 09/2019

- Responsible for Product Management and Software Development for a tool in OneDrive using TypeScript, React, Redux, and KnockOut (currently in progress).
- Develops a plan for the creation, design, and deliverables of the tool (currently in progress).

**Civic Digital Fellow, Department of Veterans Affairs, Washington, D.C.**

06/2018 - 08/2018

- Selected from a competitive applicant pool of 850+ with an acceptance rate of 4.2%
- Led user research, usability testing, code quality testing, and synthesis for the GI Bill Feedback Tool
- Created various high fidelity prototypes as the Lead Designer for the tool
- Presented to numerous agencies, media, and stakeholders. Each presentation had an audience ranging from 20-100 people

**Seattle Children's Research Institute, Research Intern, Seattle, WA**

09/2018 – 01/2019

- Worked in Alexis Kaushansky's lab at the Center for Infectious Disease on Malaria parasites
- Responsible for assisting in and conducting experiments, including preparing experiments (mosquito dissection, cell plating, etc.)
- Responsible for learning material on Malaria parasite-host interaction and reviewing new research in the field and synthetic biology (including computational biology)

**Microsoft, Software Development Intern (High School), Redmond, WA**

06/2017 – 08/2017

- Designed and implemented the user interface for Export to Excel in Azure's Metric Explorer, which would take web analytic data and export them as .xls files, using both paper mockups, graphic design, and React.js
- Won the Microsoft Brad Smith Award for the "Build a Bionic Arm" team at the 2017 Microsoft One Week Hackathon. I Built the forearm piece of the bionic arm using CAD software

**Raisbeck Engineering, Sales and Marketing Intern, Seattle, WA**

06/2015 – 08/2015

- Responsible for organizing and increasing the usability of aircraft data in Excel
- Worked extensively with the sales team to find "untapped markets" to focus on sales

## ACTIVITIES

**Washington State Opportunity Scholar (WSOS) Speaker, Seattle, WA**

04/2019 – 11/2019

- Will deliver a speech to 750+ attendees at the annual Washington State Opportunity Breakfast November 2019

**Office of Minority Affairs and Diversity and WSOS, Mentor, Seattle, WA**

09/2018 – present

- Mentor to underclassmen at the University of Washington

**STARS in Engineering Scholar, Seattle, WA**

09/2017 – present

- Graduate of Cohort V in the Washington State Academic Redshirt program

**Rewriting the Code, Fellow** 06/2019 - present