

TITOBIO LUWA WILLIAMS

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EDUCATION

Northwestern University

Evanston, IL; June 2021

Bachelor of Arts in **Computer Science, Legal Studies** and **Segal Design Certificate** | **GPA: 3.42**

Focus Areas: Human-Centered Design, Front-End Web Development

WORK EXPERIENCE

Roots, *Team Lead and Software Engineer*

Jan 2020 – June 2021

- Steered 4 team members to define a product vision and scope timelines using mixed Waterfall / Agile approach
- Designed UI and implemented [web app](#) using HTML, CSS/SASS, JavaScript
- Analyzed product landscape of current solutions to determine and prioritize product features

Google - Engineering Education Team, *BOLD Program Manager Intern*

June 2020 – Aug 2020

- Defined research plan, success metrics, and stakeholder mapping to conduct user studies with target audience
- Authored survey and interview questions, led focus groups and interviews of 15 university CS students
- Presented findings to colleagues and wrote appropriate documentation to maintain the longevity of the program

Tree Lab Website, *UX Designer and Front-End Software Engineer*

Nov 2019 – June 2020

- Designed low-fidelity mockups, facilitating 12 user interviews to refine design to medium-fidelity user interfaces
- Partnered with professor to [develop](#) website using Jekyll, HTML, CSS/SASS, and JavaScript
- Leveraged Google Chrome's developer tool, Lighthouse, to score a 97 in accessibility

LEADERSHIP EXPERIENCE

BreakPoint NU, *Co-Founder and Editor*

Nov 2019 – June 2021

- Founded [student journal](#) to address the intersection of technology and ethics in Chicago
- Led key stakeholders in defining product vision, requirements, and delivery timeline
- Edited articles for grammar, in-house and associated press style facts, and consistency for 3 journal articles

Northwestern Computer Science Dept., *Teaching Assistant (Introduction to Python)*

Jan 2019 – June 2020

- Led office hours to aid students in mastering class concepts. Graded students' homework and exams
- Discussed current class topics in weekly meetings with computer science faculty and peer mentors

PERSONAL PROJECT

Peer Mentor Portal

May 2020 – June 2020

- Partnered with administrators and former/current teaching assistants to launch TA onboarding training tool
- [Designed](#) and built full-functionality web application with HTML, CSS, and JavaScript

VOLUNTEER EXPERIENCE

Arts and Music Program for Education in Detention Centers, *Music Instructor*

Oct 2019 – June 2020

- Mentor incarcerated youth at the Cook County Juvenile Temporary Detention Center
- Led lessons, one-on-one instruction, and programming in music composition and GarageBand techniques
- Produced songs using GarageBand to develop each student's limited album of 4 songs

SKILLS

- **Technical:** Proficient in Python, C++, HTML, JQuery, CSS, JavaScript (ES6)
- **Language:** Intermediate Spanish, Intermediate American Sign Language