

EDUCATION

Clafin University

Bachelor of Computer Science

Expected Graduation Date: May 2023

GPA: 3.9 / 4.0

Relevant Coursework: Principles of Programming, Probability and Statistics, Calculus, Calculus 2, Calculus 3, Data Structures and Algorithms, Computer Organization and Structure, Computer Systems, Object Oriented Programming, Foundations of Computing, Discrete Mathematics, Foundations of Computing, Database Design, Android Development

EXPERIENCE

MICROSOFT CORP.

May 2022 – August 2022

Redmond, WA

Software Engineer Intern

- Designed, built and tested a pipeline to analyze and display accuracy metrics for automatically generated video transcripts in *Microsoft Stream*. Utilized string metric algorithms and libraries to compare generated and user-uploaded video transcripts and generate relevant data points for Microsoft *Speech to Text* team
- Achieved analysis of 100% of video transcripts generated in internal testing environments with minimum effect on video transcript generation latency
- Skills:** C sharp, Azure .NET, React.js, Typescript, E2E Testing, Node, NPM, Azure, Git

June 2021 – August 2021

Software Engineer, Product Manager Intern

- Responsible for improved accessibility by implementing *Immersive Reader*, a plugin for improving comprehension in video transcripts
- Identified product weaknesses in *Microsoft Stream* video transcripts and prototyped three features: adding highlights, saving notes to *OneNote*, and sharing video transcripts.
- Compiled and interpreted data from user research to model a cohesive design for feature additions for video transcripts
- Skills:** React.js, Typescript, UX testing, Node, NPM, Azure, User Research, Product Management, Git

TENNESSEE VALLEY AUTHORITY(TVA)

February 2022 – May 2022

Remote

IT Intern

- Upgraded and created new catalog workflows, resulting in saving over 100 work hours for TVA employees
- Boosted efficiency by up to 50% in existing catalogs and internal ticketing systems by identifying bugs, conducting regular testing and acting on client feedback
- Skills:** JavaScript, jQuery, ServiceNow, Product Management, Git, E2E Testing

GOOGLE

February 2021 – May 2021

Remote

Software Product Sprint Apprentice

- Spearheaded development of a RESTful web scrapping API server for *Gigasphere*, a React web application that displays jobs within a general location. Contributed to open-source software using *Git* and *GitHub*, conducted peer code reviews with teammates, daily stand-ups, and participating in distributed development with guidance from Google engineers.
- Skills:** Java, Spring Boot, Git, REST API, E2E Testing, Maven

CAREER PATHWAY INITIATIVE

June 2020 – September 2020

Columbia, SC

Research Intern

- Conceptualized and developed a prototype web application to help students and instructors easily access and share and manage internship and job opportunities. Achieved 30% outreach to students.
- Evaluated and researched user experience and accessibility of the web application among students which will contribute to future development of the web application
- Skills:** Django, Python, JavaScript, Git, Selenium, E2E Testing, HTML, CSS

LEADERSHIP AND VOLUNTEERING

Mirror Of Hope Foundation: Mentored and served as academic tutor for high school students in Kenya with interest in STEM courses

NSBE: Taught introduction to Java in local high schools and served as treasurer for organization

PROJECTS

Portfolio: Personal website built with Java Spring Boot and deployed on Azure ([link](#))

Android Dev: Made a lean clone of Netflix, Twitter, Instagram and a to-do app through Code Path([link](#))

React: Completed twenty-four projects on the core principles of React ([GitHub](#))

Python: A simple Voice Assistant and sentiment analysis application ([GitHub](#))