

MINASE TESFAYE LEGESSE

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EDUCATION

Whitworth University

Bachelor of Arts in Computer Science and International Project Management |

Relevant Coursework: *Object Oriented Programming, Data Science, Data Structures and Algorithms, Financial Accounting, Principles Of Management*

Organizations: ColorStack, CodePath, National Society Of Black Engineers

Spokane, WA

Expected Grad Date: May 2026

TECHNICAL SKILLS

Languages: C++, Python, R, HTML/CSS, JavaScript

Frameworks: Numpy, Pandas, Matplotlib, React, ExpressJS, NodeJS, MongoDB

Developer Tools: Git, Github, VScode, Visual Studio, Jira, Trello

Methodologies: Agile/Scrum, Waterfall, Lean Six Sigma, Kanban

EXPERIENCE

Summer Digitizing Intern

Whitworth University Graduate School of Education

Spokane, WA

May 2024 – August 2024

- Mitigated accreditation concerns by digitizing 8 years of student records, reducing file retrieval time from ~2 hours to ~10 minutes.
- Boosted record accessibility by creating a searchable digital database, cutting average retrieval time from ~30 minutes to ~5 seconds and meeting all accreditation standards.
- Utilized an existing document tracking system to streamline administrative processes, ensuring easier access and better safeguarding of confidential information.

Student Assistant

Whitworth University Graduate School of Education

Spokane, WA

September 2023 – Present

- Managing day-to-day office operations efficiently to ensure optimal functioning and task completion.
- Acting as a dependable liaison between professors and the graduate department, facilitating ongoing smooth communication and effective collaboration.
- Manage confidential records for ~120 students, maintaining 100% data integrity and receiving commendation for exceptional discretion in handling sensitive information.

Assistant to The Consultant

Satta Abraham Freelance Business Consultancy

Addis Ababa, Ethiopia

May 2022 – August 2022

- Collaborated closely with business owners and entrepreneurs to enhance strategic decision-making and operational efficiency.
- Cleaned and analyzed company data using Excel and R, uncovering key insights that informed multiple new business strategies.
- Assisted in managing the data of the Ethiopian Pharmaceuticals Supply Agency, contributing to the efficiency and accuracy of supply chain operations.

PROJECTS

ToDoApp

JavaScript, React, MongoDB, ExpressJS, NodeJS

Summer 2024

- Developed a full-stack ToDo list application using the MERN stack, enabling users to create, manage, and check off tasks with a responsive and user-friendly interface.
- Integrated MongoDB to store and retrieve task data, ensuring persistence of user activities and allowing users to track completed tasks through a comprehensive database.

CinemaKiosk

C++, OOP, I/O

Spring 2024

- Developed an automated cinema kiosk system using C++ that enables users to select seats, book movies, and purchase concessions, enhancing the customer experience by eliminating the need for staff assistance.
- Incorporated encryption methods to secure user transactions, ensuring data privacy and building trust in the system's reliability.

Whitworth University Admissions Data Analysis

Python, R, NumPy, Pandas, Matplotlib

Spring 2023

- Analyzed admissions data to uncover trends in student enrollment decisions by comparing Whitworth University's characteristics against key competitors, utilizing Python, R, and data manipulation libraries like NumPy and Pandas.
- Implemented linear regression, principal component analysis (PCA), and CART models to identify factors driving applicant preferences, and visualized results using Matplotlib to create clear, actionable insights for recruitment strategies.

EXTRACURRICULARS AND PROFESSIONAL DEVELOPMENT

Member of The Arguing Bucs Speech and Debate Team

Whitworth Forensics

September 2023 – Present

- Actively participated in a wide range of speech and debate events, showcasing diverse communication skills and expertise crucial for professional success in collaborative and leadership roles. Achieved Quarter Finalist position in IPDA National Debate and ranked as the 4th best speaker in the nation in novice IPDA

CodePath Fellow

CodePath

July 2024-Present

- Selected as an incoming CodePath Fellow for Fall 2024, joining the Technical Interview Prep program to enhance problem-solving skills and prepare for technical interviews in the tech industry.

