
Education

Westminster University, Salt Lake City

May 2025

BS Computer Science, Minor in Applied Mathematics, Honors Certificate, **4.0 GPA**

Arts and Sciences Outstanding Student of the Year award for Computer Science 2025

Relevant Coursework: Algorithms (*Python*), Databases (*SQL*), Computer Architecture (*ARM*)

Software Engineering (*JavaScript*, *TypeScript*), Web Applications (*Python*, *SQL*), Artificial Intelligence (*PyTorch*)

Technical Skills

Languages: Python, React, Java, C, SQL, Kotlin, HTML, CSS, JavaScript, PHP, ARM, TypeScript

Projects

Senior Capstone Project: TasteBook (*Kotlin, SQL*)

January 2025 – Current

- Developed a cross-platform mobile app in Kotlin Multiplatform and Jetpack Compose
 - Built the entire backend and frontend stack single-handedly: created a Ktor-based RESTful API with Exposed ORM, PostgreSQL, HikariCP connection pooling, JWT authentication, and Koin DI, then integrated those endpoints for recipe & inventory management, and automated grocery list generation.
 - Configured a multi-module Gradle build for Android and iOS targets and reducing build times by 30%
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Related Work Experience

Summer 2024 Undergraduate Research (*React, JavaScript*)

May 2024 – September 2024

Department of Computer Science, Westminster University

- Developed [CircuitCraft](#), a React-based educational tool designed to help Westminster University students draw circuit diagrams and make the concepts more accessible
 - Engineered an interactive, user-friendly diagramming interface with React and React Flow, managing all version control and collaborative workflow via GitHub.
 - Applied agile methodologies as a small team for a successful and smooth project implementation
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Web Development and Publications Intern (*HTML, CSS*)

Summer 2024

Registrar's Office, Westminster University

- Identified and resolved bugs related to website responsiveness, functionality, and user experience, resulting in a smoother browsing experience for users
 - Researched and utilized accessibility standards outlined in the W3C report, enhancing global accessibility across the website
 - Employed principles of Search Engine Optimization (SEO) to enhance discoverability and optimize 250 page titles for improved search engine ranking and user navigation within the site; accomplish the overall site score improving from an 85 to a 92
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Computer Science Supplemental Instructor (*Java, Python*)

August 2023 – April 2024

Department of Computer Science, Westminster University

Registration and Records Assistant (*using Omni CMS (HTML scripts)*)

September 2022 –

Registrar's Office, Westminster University

May 2025

Resident Assistant (RA)

August 2023 – May 2025

Residence Life, Westminster University

Leadership, Awards and Volunteer Experience

- 1st place** in HackUSU 2025 Hackathon | Datathon category
- Neisen R. Bank Memorial Award 2025** | Presented annually since 1953, recognizes a first-generation graduating senior who has shown exceptional tenacity and academic excellence. It also honors someone who embodies Westminster's core values—respect for diverse perspectives, collaboration, and personal and social responsibility.
- Managing Editor** (August '23-December '24) *The Honorable Mention*
1st place in Newsletter category for 2024 Student Print | National Collegiate Honors Council Publications Contest
- Honors First-Year Peer Mentor** (August '23-Current) *The Honors College*