RYAN W. YI
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SKILLS AND QUALIFICATIONS

Technical Skills: Java, Python, C

Basic Experience In: Ruby, Rust, SQL, HTML, CSS, Javascript

Relevant Coursework: Group Communication and Presentations, Statistics I, Software Development, Computer Systems I and II, Data Structures & Algorithms, Applied Algorithms, Programming Languages, Advanced Programming, Calculus I and II, Operating Systems, Application Development

PROJECTS

Calculator (Java, Java Swing)
- *Collaborated with a team of four other students to plan and develop a calculator in Java*
- *Simulated the SCRUM process over three sprints during the semester*
- *Focused mostly on GUI development with Java Swing; helped in the development of the core operations of the calculator*

Fitrack (Java, Java Swing, JDBC)
- *A personal project written in Java utilizing Java Swing and the JDBC API*
- *Utilizes Java Swing to create a simple GUI for login and registering a user, displays the user's current health statistics and exercise history, and allows for additional exercises to be added*
- *Visualizes exercise variance with a pie chart through the XChart library*
- *Data storage and retrieval with an SQL database of the user's information and exercise history*

VOLUNTEER EXPERIENCE

Assistant Coordinator for Homeless Outreach Event - Washington D.C *December 2018*

- *Assisted in the coordination of the event through engaging in communication with the local population and finding the optimal location to increase outreach*
- *Distributed meals, clothes, blankets, and other necessities to the homeless population*

EDUCATION

JAMES MADISON UNIVERSITY – Harrisonburg, VA Projected Graduation *May 2025*
Bachelor of Science, Computer Science