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# Xavier Character

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## SKILLS

- Java, Python, C, GoLang
- Pandas, NumPy
- SQL
- Database Management
- UNIX/Linux
- Shell Scripts
- Virtual Machines
- Docker
- DAST
- HTML, JavaScript, CSS
- Microsoft Excel, BI, Access, Word
- Agile/Scrum Operations
- React Native
- Angular, TypeScript
- Expo CLI, Expo Go
- Containerization
- Git
- OSSTMM3 Practice

## EXPERIENCE

### **Boise State University, Boise, ID** - Senior Capstone Project

January 2024 - May 2024

- Developed a comprehensive tutoring web application for the Boise State University College of Education's Literacy Lab.
- Engineered numerous front-end components leveraging the Angular framework and integrating them with the backend built on Golang and GIN.
- Designed and developed SQL queries via API endpoints that enabled secure and efficient data retrieval and management - this ensured optimized web application performance and functionality,

### **Micron Technology, Boise, ID** - Revenue Operations Intern

June 2023 - August 2023

- Created Microsoft Excel automation for comprehensive data analysis, visualization, and interpretation to enable data science insights and empower data-driven business decisions.
- Authored a detailed rebate operations manual for the Sales department that was used by over 100 employees.
- Worked collaboratively with Agile team members on various projects and contributed and/or completed problem-solving tasks that led to the successful completion of Agile Scrum sprint commitments.

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## **Enterprise Transformation Institute, San Francisco, CA - Software Engineering Intern**

June 2020 - June 2023

- Developed and maintained software applications to streamline, extract/translate/load (ETL) data processes and automate system integration between multiple applications and databases.
- Leveraged existing artificial intelligence models (chatGPT, Google Gemini, and Microsoft Copilot) for customized client CSR application integration.
- Provided SDET Penetration testing to identify Cyber attack vulnerabilities.
- Collaborated with business analysts, project managers, and stakeholders to translate business requirements into technical solutions that align with business goals and provide enterprise value.

## **EDUCATION**

### **Boise State University, Boise State**

- B.Sc in Computer Science (May 2024)
  - Minor in Applied Mathematics

## **AWARDS**

- Boise State College of Engineering Dean's List
- Boise State Blue Thunder Marching Band (Drumline)
- Archbishop Riordan High School National Honor Society