Ruiming Xu

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EDUCATION

PURDUE UNIVERSITY, West Lafayette – Indiana   Aug 2023 - Present
Bachelor of Science   **GPA: 3.66**
Major in Data Analytics, Technologies, and Applications | Minor in Computer Science
Relevant Coursework: Programming I, Intro To Systems Development, Information Technology Architectures, Intro to Supply Chain Mgmt. Tech., System Administration, Database Fundamentals, Systems Analysis And Design Methods

SKILLS

Programming Languages: Java, Python, SQL, HTML
Industry Tools/Skills: Pandas, Oracle SQL Developer, Tableau (Skills Badge: Analyze and Model Data to Create Insights), Android Development, Excel, UML, Perspective (JPMorgan's data visualization component), Jupyter Notebook, VMware tools, Agile Methodology

EXTRACURRICULARS & LEADERSHIP

PURDUE - SOCIETY OF ASIAN ENGINEERS   Oct 2023 - Present
- Design Chair (2024-2025)
- Designed flyers and merch for club events, such as company collabs and club bondings, and managed social media to increase interaction by 30%
- Managed professional events with industry companies (mock interviews, Q&As, etc.) as well as club bondings
- Reached out to companies for sponsorship package negotiation
- Mentored marketing cabinet members and general members

RESEARCH

THE DATA MINE - PURDUE   Aug 2024 - June 2025
- Collaborated with Beck's Hybrid on Seed Quality and Germination project
- Clean, manipulate, and plot germination and other seed factor data with Python
- Trained to use Python and Bash to clean, manipulate data, and create graphs in TDM 101 and 201.

PROJECTS

SOCIAL MEDIA PLATFORM   Spring 2024
- Led a group of 3 to develop a social media platform like Myspace with direct messaging using Java and Java Swing
- Created a database to store user data, a server to handle requests, and utilized multithreading and sockets to establish a system that can handle many client requests from different users at once.
- Created fully functioning GUIs with Java Swing
- Provided a mock business pitch, demo, and report for the overall project

WINDOWS NETWORKED CLIENT/SERVER ENVIRONMENT   Summer 2024
- Led a team of 3 to set up a client/server architecture mimicking a growing local hospital
- Utilized VMware's suite of tools (vCenter, vSphere, etc.) to set up a system of virtual machines, ESXi servers, and other
- Created a Windows system with roaming desktops, server redundancy, data backups, sites, and various other features to streamline business operations
- Formed thorough documentation of environment features, processes, issues, and conclusions

AWARDS

- Dean's List