

Ravi Ray

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Portfolio:

Education

University of Texas at Arlington, Arlington, TX

Expected: Summer 2025

Bachelor of Science in Computer Science

Relevant Coursework: Algorithms, Software Engineering, Databases, Artificial Intelligence, Neural Networks, Information Security, Senior Design I&II.

Technical Skills

Languages: C, C++, Java, Python, JavaScript

Tools: GitHub Copilot, VSCode, SQLite

Web Technologies: HTML5, CSS3, Django

Operating Systems: Windows, Linux, iOS

Work Experience

Data Coordinator, Amazon Sort Center — Irving, TX

Apr 2019 - Present

Managed production data for 500+ products daily with 98% accuracy. Conducted comprehensive data audits and improved data integrity by 15%. Collaborated with cross-functional teams to optimize workflows and save 10+ hours weekly.

Software Update Technician, FedEx Supply Chain — Coppell, TX

Jun 2022 - Aug 2024

Executed over 1,000 smartphone updates with a 99% success rate. Diagnosed software issues and reduced resolution time by 20%. Trained and mentored 15+ technicians on troubleshooting best practices.

Selected Projects

Turn of Destiny Game (Summer 2024)

Developed a multiplayer game using Java and WebSockets for real-time interaction. Implemented server-client communication supporting up to four players with low latency. Hosted locally on port 9003 for seamless gameplay.

TicTacToe (Summer 2024)

Worked on a multiplayer TicTacToe game using html, Java, WebSockets, and Maven as a class assignment project. A real-time game server that handles multiple players on locally hosted port 9080. Utilized HTTP and WebSocket servers for seamless client-server communication.

Dating App UI (Fall 2023)

Designed a responsive user interface for a dating app using HTML5, CSS3, and Bootstrap.

Enhanced user experience with modern design principles and cross-platform compatibility.

Income and Expense Calculator (Spring 2024)

Built a Python-based tool to analyze CSV data for property income and expenses. Automated calculations and added visualization features using Matplotlib.

USACE Lake Water Level App (Fall 2024 - Present)

Completed working on a Flutter app for both iOS and Android platforms as part of the senior design project. - Collaborated with the United States Army Corps of Engineers (USACE) to provide real-time water-level updates for Tulsa District 38 lakes. - Integrated push notifications to alert users about flood-related signs, geo-mapping system for navigatio.

[Certifications & Award]

- Google Cybersecurity Professional Certificate (Coursera) — Feb 2025

- Python Programming Fundamentals (LinkedIn Learning) — Apr 2025

- AWS Certified Advanced Networking – Specialty (LinkedIn Learning) — Mar 2024

- Practical GitHub Copilot (LinkedIn Learning) — Apr 2024

- Employee of the Month (*FedEx Supply Chain*) — Jan 2024

References

Reference Letter: U.S. Army Corps of Engineers, [Department of Defence]