

COLE SNIPES

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Skills Summary

Technical Skills

- Languages/Frameworks: C/C++, Python, Java, JavaScript, Spring Boot
- Web Development: Front-end and Back-end, REST APIs, Authorization Tokens, SQL, PhpMyAdmin, Django, WASM Runner
- Tools & Platforms: Git, Docker, Replit, Visual Studio Code, Google Colab
- Data & ML: Pandas, NumPy, data analytics, machine learning, statistical interpretation, data visualization
- Testing & Systems: Unit, Integration, System Testing, and Automatic Testing; Operating Systems,
- UI/UX: Functional user interface design, CSS
- Other: Cross-functional partnerships, Microsoft Office

Soft Skills

- Interpersonal: Cross-functional collaboration, conflict resolution, multicultural communication, team leadership
- Organizational: Time management, task prioritization, attention to detail, project scheduling, documentation
- Problem-Solving: Analytical thinking, adaptive learning, root cause analysis, creative troubleshooting, decision-making

Bachelor of Science in Computer Science

Graduation: 2026

Major Concentration: Software Engineering

Minors: Data Science and Mathematics

University of Indianapolis, Indianapolis, IN

Projects

- **Predictive Analysis of Obesity Levels using Machine Learning:** Utilized Logistic Regression and Random Forest models on a dataset of 2,111 records to predict obesity levels based on dietary, activity, and health factors. Conducted preprocessing, EDA, and modeling to identify key predictors of obesity, emphasizing real-world healthcare impact.
- **American Gun Violence Project:** Analyzed national gun violence trends using Excel and linear regression, evaluating multiple contributing factors such as poverty rates, education levels, and firearm ownership. Used R² values to assess correlation strength and identified statistically significant relationships between mass shootings and state-level mortality rates through data visualizations.
- **Engineering 198 Project Tracking System for Lab Manager:** Designed a tracking system application in a team-based project for a lab manager. Led planning and requirements gathering, using Agile and iterative development to meet constraints and deliver client-centered functionality.

Relevant Courses: Computer Architecture & Parallel Computing, Data Structures & Algorithms, Intro to Object-Orientated Programming, Software Testing and Validation, Big Data Mining, Computer Algorithms, Database Systems

Experience

Team Member Utility Worker

January 2024 – Present

Meijer – Indianapolis, Indiana

- Responded quickly to in-store spills and assisted customers with safely transporting groceries to their vehicles
- Maintained store cleanliness through regular trash disposal and ensured cart availability by retrieving carts from parking areas

Crew Member/Cashier

March 2021 – January 2024

Chipotle Mexican Grill – Indianapolis, Indiana

- Prepared fresh food items in compliance with food safety protocols while consistently delivering high-quality customer service in a fast-paced environment, serving an average of X customers per shift
- Ensured team adherence to corporate safety and sanitation policies, and fostered effective communication to maintain a collaborative, customer-focused environment

Awards, Acknowledgements, and Volunteer Experience

- Volunteered at 5K Hound Hustle, 2022
- Recipient of the Richard Lugar Academic Scholarship award, renewable for two years
- Recipient of the Outstanding Achievement Award for the graduating class of 2022 for High School
- Honor Roll for the 2022 – 2023 school year