

Roland Wong

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Summary

Highly motivated Cybersecurity Specialist with a B.S. in Computer Science and a strong foundation in network security, system programming, and AI-driven solutions. Experience includes AI development, cybersecurity research, and software engineering, with a track record of improving operational performance and security measures. Adept at Python, Java, and C programming, with some experience in secure protocols, networked systems, and system-level programming. Passionate about leveraging AI and automation to enhance cybersecurity frameworks.

Education

Indiana University, Bloomington, IN

GPA 3.86/4.00, February 2025

• **Luddy School of Informatics, Computing, and Engineering**

Bachelor of Science in Computer Science

Cognate: Security

• **Honors and Awards:** Dean's List, Founder's Scholar, CSCI Student Scholarship

• **Relevant Coursework:** Calculus I, II | Linear Algebra & Applications | Probability & Statistics | Finite Mathematics | Math of Cybersecurity | Computer Structures | Data Structures | Discrete Structures | Software Systems | Intro to Operating Systems | Security for Networked Systems | Secure Protocols | System Programming With C and Unix | Computer Networks | Autonomous Robotics | Mobile App Development

Experience

Indiana University, Bloomington, IN

January 2025 - Present

Undergraduate Teaching Assistant

- Supporting the professor with recordkeeping, such as calculating grades and tracking attendance and tardiness.
- Assisting in developing and delivering interactive curriculum for over 40 students, enhancing engagement and comprehension in introductory computer science courses.
- Coordinating weekly study sessions and office hours, resulting in a 15% increase in student pass rates by reinforcing fundamental concepts and fostering an inclusive learning environment.
- Analyzing and improving teaching materials by integrating data-driven insights, increasing student participation in labs and lectures by 25%.

Ming's Garden, New Castle, IN

March 2019 - Present

Assistant Manager

- Attaining communication skills by helping more than 200 customers both in person and over the phone on a daily basis.
- Maintaining an organized and clean work environment in compliance with procedures, rules, and regulations.
- Assisting customers with questions, concerns, or complaints regarding the service provided.
- Processed 500+ transactions weekly with a 99.5% accuracy rate, reducing cash discrepancies by 15%.
- Achieving sales goals through product knowledge and recommendations.
- Orchestrated a team of 10 staff members, enhancing operational efficiency by 20% through the implementation of strategic shift scheduling and targeted staff training initiatives.

Outlier, Oakland, CA

May 2024 - December 2024

AI Writer

- Continuously refining and enhancing an AI's responses to produce compelling and original content aligned with brand tone and messaging.
- Conducting thorough research on industry trends, topics, and keywords to inform content creation and optimization.
- Implemented client and colleague feedback, improving overall content quality by 15% based on client satisfaction scores.
- Staying updated on the latest developments in AI writing technology and news to contribute insights to the team for optimizing our writing processes and capabilities.
- Automated content generation processes using advanced AI algorithms, which increased content production efficiency by 25% while maintaining a consistent brand voice and style.

Experience (Continued)

Appen, Chatswood, New South Wales, Australia

AI Response Evaluator

May 2024 - August 2024

- Assessed the accuracy, relevance, and quality of AI-generated responses to ensure they met predefined standards.
- Conducted regular analysis of AI response performance metrics to provide constructive feedback to AI developers in order to enhance response quality.
- Recognized and reported common issues or patterns in AI responses to aid in model optimization.
- Completed 15 hours of training in advanced AI evaluation techniques, improving the efficiency of my evaluations by 20%.
- Analyzed over 200 AI-generated responses weekly, utilizing specialized software tools to precisely categorize and flag anomalies, leading to a 30% improvement in overall model accuracy.

Projects

IU-Related Costume

February 2023 - Present

- Designing, slicing, and 3D printing a shield in the shape of Indiana, a wearable helmet decorated with the IU logo, and an oversized gauntlet with articulated fingers.

Spaceship RPG Generator

November 2023

- Generated ten unique characters for a spaceship RPG in C using proper memory allocation, dynamic programming, and pointers.

Vice Grip Skates

August 2023 - October 2023

- Developed multiple prototypes of roller skates made of ECO-ABS to provide a potential solution to plastic waste and transportation.

Mechanical Claw

January 2023 - February 2023

- Transferred a conceptual design of a 3-prong claw into a physical object built purely from 3D printed material while utilizing Ultimaker Cura.

Tic-Tac-Toe

December 2022

- Built a working tic-tac-toe game with Java, having three difficulty settings with their own logic rules to win.

Restaurant Website

February 2022

- Developed a website for a local restaurant in tandem with peers from differing fields to emulate a real-world working environment.

Technical Skills

Languages: C, Java, Python

Web Development: HTML, CSS

Tools & Technologies: Google Workplace, Zoom, Slack, Microsoft Office, Atlassian Trello, Adobe Creative Cloud, 3D Printing, Autocad

Student Involvement

Peer Tutor, Bloomington, IN

Fall 2023 - Present

- Strengthening the understanding of syntax and assisting with problem-solving skills for homework-related issues.

Engineering, Bloomington, IN

Spring 2022 - Present

Member

- Attended meetings and events to network with other students, staff, and faculty.
- Learned about the field of engineering from professionals in the industry from events.

Luddy LLC, Bloomington, IN

Fall 2021 - Present

Member

- Attending events and assisting in planning with other students, staff, and professionals from multiple STEM fields.
- Increasing networking opportunities with professionals and employers.

Intramural Flag Football, Bloomington, IN

Spring 2022

Member

- Improved communication, teamwork, problem-solving, and adaptability skills during competitive matches.