Kyle Wybo

Software Engineer

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Skills

Python

Linux

Ubuntu

GitHub

Git

Programming Tools

Embedded Software

Open Source
Development

CSS

Game Development

JavaScript

Links

Software Engineer with 2+ years of experience in open-source development and programming, specializing in Python and Linux environments. Demonstrates exceptional problem-solving skills and a collaborative spirit, contributing to enhanced project outcomes and team dynamics. Proficient in utilizing Git for version control and committed to advancing software precision and efficiency.

Employment history

Research Assistant | Software Development, Michigan Technological University
Nov 2024 - Present

Houghton, MI

- Develop Python scripts for precise GPS clock sync, boosting accuracy by over 20%
- Collaborate with professors to address GPS sync challenges, enhancing teamwork
- Utilize Ubuntu for script deployment, showcasing Linux proficiency
- Identify and resolve sync issues, improving system precision
- Contribute to research projects, advancing software development knowledge
- Conducted in-depth analysis of GPS data discrepancies, leading to refined synchronization methods and enhanced system reliability.
- Designed and executed Python scripts to automate data synchronization, achieving noticeable improvements in data accuracy and operational efficiency.

Student Cashier, Michigan Technological University
Aug 2020 - Apr 2025

Houghton, MI

- Assist customers in finding products and enhance satisfaction through clear communication.
- Collaborate with the team to improve service and achieve measurable increases.
- Efficiently manage phone inquiries, resolving issues for a better customer experience.
- Streamline checkout processes with peers, leading to noticeable satisfaction improvements.
- Monitored inventory levels to ensure product availability, contributing to reduced wait times and improved service efficiency.

Education

Michigan Technological University, Michigan
2020 - 2025

Bachelor of Computer Science

Additional information

Research Assistant

Software Development

Contributing to research projects at Michigan Technological University, focusing on software development and data synchronization solutions.

- Develop Python scripts for precise GPS clock sync, boosting accuracy by over 20%
- Utilize a Linux (Ubuntu) environment for developing, testing, and deploying scripts.
- Collaborate with professors to discuss findings and address challenges from GPS data synchronization projects.
- Enhance problem-solving skills by identifying and resolving synchronization issues.