

CHRISTOPHER TOMASKOVIC

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SUMMARY

Systems Engineer with a background in Computer Science and Artificial Intelligence, and one year of professional experience. Proficient in programming and Agile/Scrum methodologies, with expertise in battery and renewable energy sectors. Seeking an impactful role to apply creative problem-solving in meaningful projects, contributing to innovative solutions for a better future.

SKILLS

- **Technical Knowledge:** Systems Integration, System Design, Systems Thinking, Data Analysis, Zoho Creator, Monday.com, Microsoft Office, Quick Learner
- **Spoken Languages:** English, Finnish
- **Programming Languages:** Python, SQL, C/C++, Java, JavaScript, Rust, React Native, HTML, and CSS

WORK EXPERIENCE

Systems Engineer - Higher Wire

Nov 2023 - Oct 2024

Higher Wire is a Lithium Ion battery manufacturer that specializes in second life battery systems.

- Designed and implemented a specialized Zoho database solution for battery information management as the sole systems engineer, increasing data entry efficiency by 40% while maintaining database integrity.
- Successfully migrated a slow legacy Excel spreadsheet to a Zoho database solution in less than 1 week, reducing cell data retrieval times by 55% and enhancing the user interface experience with a custom front end application.
- Conducted market research to identify the ideal hardware supplier within budget for battery management system solutions, ultimately deciding on a supplier and successfully negotiating contract terms, reducing hardware procurement time by 15% and enabling remote monitoring system integration with the battery packs.
- Secured a \$10,000 Department of Energy voucher at the Energy Storage Grand Challenge through an application process to collaborate with Argonne National Laboratory, advancing emission research capabilities with Argonne's tools and ensuring compliance with Department of Energy technical standards.
- Represented Higher Wire at multiple events, most notably the Department of Energy Peer Review.

Student Ambassador - University of Advancing Technology

Jun 2022 - Aug 2023

- Demonstrated exceptional interpersonal and communication skills by actively engaging with prospective students through phone calls, campus tours, and campus events.
- Leveraged Microsoft Office tools to streamline communication and collaboration within the student ambassador team and with university departments.

AI Chatbot Development Intern - Grab The Axe

Jan 2023 - May 2023

- Directed AI chatbot development with custom Meta Human modeling and voice cloning, enhancing user engagement by 15%.
- Conducted comprehensive project analyses, identifying and rectifying discrepancies in engineering designs.

EDUCATION

Bachelor of Science in Advancing Computer Science

Aug 2020 - Aug 2023

University of Advancing Technology

- Received the "Leadership Award" from the University of Technology.

Bachelor of Science in Artificial Intelligence

Aug 2020 - Aug 2023

University of Advancing Technology

- Student Innovation Project on "[Utilizing Sentiment Analysis to Improve Stock Market Analysis](#)".