Joseph **Swartz**

✉ jhswartz12@gmail.com | ☐ (630) 536-7286 | ⚲ Batavia, IL | ⚲ https://www.linkedin.com/in/joseph-swartz815/

Education

Aurora University   *Aurora, IL*
BS IN COMPUTER SCIENCE   *January 2021 – December 2022*

Waubonsee Community College   *Sugar Grove, IL*
AS IN COMPUTER SCIENCE   *January 2018 – December 2020*

Work Experience

Mathnasium of Saint Charles   *Geneva, IL*
MATH INSTRUCTOR   *August 2022 – January 2023*
- Instructed young scholars and served as a subject matter expert in mathematic techniques and terminologies.
- Developed and implemented adaptive learning methodologies to foster a learning environment that maximized student potential for growth
- Organized and created an environment for students that required additional attention.
- Coordinated with external instructors to provide platform to collaborate educational methods and technics, that enable an adaptive learning outline

Waubonsee Community College   *Sugar Grove, IL*
STUDENT TECHNOLOGY ASSISTANT   *August 2019 – May 2020*
- Tested new software implementation and provided analysis on IT configurations for developers
- Troubleshoot and documented technical failures related to individual clients and network outages
- Analyzed potential technical issues during the transition to full remote in response to the COVID-19 crisis
- Fostered teamwork through daily touchpoints, joint project implementation, and team engagement exercises
- Supported and collaborated with department heads for transitioning to a full remote setting

Target   *Batavia, IL*
TECH CONSULTANT   *August 2015 – July 2018*
- Organized and implemented personalized demos events of new tech solutions to customer
- Reviewed evolving tech products, improving my ability to communicate solutions for customer tech dilemmas
- Reviewed and revised data management procedures of confidential information
- Examined and recommended inventory stock plans incorporating current tech trend to maximize customer engagement
- Enhanced co-worker's moral through organizing and participating in afterwork social events, and provided opportunities to network with other departments

Skills

Programming Languages: Java, Python, C++, C#, JavaScript, HTML, CSS, Prolog, Lua, React, Node.js, Express, SQL

Projects

Aurora Lost N Found   *JavaScript, Node.js, React, Express, JSON web tokens*

UTILIZING A CRUD APPLICATION, I WAS ABLE TO CREATE A MORE SECURE AND TRANSPARENT METHOD TO MANAGE MISSING ITEMS AND INVENTORY WITHIN THE UNIVERSITY. RESULTING IN INCREASE IN HIGHER ACCOUNTABILITY AND INCREASE SPACE FOR SECURITY.

Battleship   *HTML, JavaScript, CSS, OOP*

WEB APPLICATION BASED OF THE BOARD GAME BATTLESHIP THAT UTILIZES OOP AS WELL AS AI PRINCIPLES FOR LOGIC BASED DECISION MAKING