Joshua (Yusha) Emerik Soc

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EDUCATION

William Rainey Harper College, Palatine, IL

Associate in Engineering Sciences (AES)

SKILLS

Programming Languages: C/C++, C#, JavaScript, Python

Microsoft Excel, Word, Outlook, and PowerPoint

Amazon Web Services; Scratch; Slack; Git; GitHub; Wireshark; Container lab;

Fluent In Spanish and English

INTERNSHIP EXPERIENCE

Siemens Healthineers, Barrington, IL   July 2022 to August 2022

Computer Technician

- Communicated effectively with faculty and staff and for areas of improvement on

- SAP Knowledge

- Troubleshooting biplane, monoplane, single plane computers

RELEVANT WORK EXPERIENCE

Peerless Network, Chicago, IL   January 2023 to February 2023

Data Center Technician

- Assisted in movement, racking, installing, and rewiring of servers within a data center environment

- Handled and installed servers to ensure proper placement and stability of the rack

- Conducted comprehensive cable management and rewiring procedures, ensuring all connections were secure and operational

- Employed technical documentation and schematics, utilizing them to plan and implement server installations

- Maintained records of server inventory and status, ensuring that all assets were accounted for and in optimal condition

Insight Communications, Hanover Park, IL   January 2021 to March 2022

Computer Technician

- Tagged computers and IT equipment to track

- Imaged computer systems for mcat machines

- Wired and assembled Chromebook or mobile charging carts and performed cable management

- Created inventory of products served by technical support area that required extensive knowledge of quality and assurance protocols

- Responded to queries generated by clients or employees to provide clear and concise solutions to any issues presented

PROJECTS

Current Project RFID   February 2021 to Present

●   Created a resume-sharing system using a tap card like what is used at payment kiosks. The goal was to provide a fast and convenient way for users to share resumes with potential employers or networking contacts

●   The system will be built using RFID and NFC compatible with both iOS and Android devices

Arduino LED Lights / C++/ Python   September to December 2020

● Developed a LED lights controller system that allowed users to generate different LED lights patterns using an Arduino board and a Raspberry Pi. The system was designed to be user-friendly, allowing users to easily control the lights through a custom-built interface

● Programmed the LED lights to generate complex patterns, optimized the code for efficiency, and developed a user-friendly interface

ASSOCIATION

Association with Computer Science Club (CSC)   August 2022 to Present

Club Member

● Collaborated with members on completing group projects, such as creating mobile apps, building websites, or developing software programs
● Discuss feedback and suggestions for improving code
● Present on topics such as coding languages, algorithms, or new technologies

Association with Harper Society of Engineers Club (HSOE)   August 2022 to Present

Club Member

● Volunteer for community outreach projects, such as building bridges, designing public infrastructure, or teaching STEM skills to students
● Discussed what programs to gain more knowledge and skills such as 3D printer building, Arduino LED lights with former Siemens Healthineers Engineer Guest, etc
● Attend networking events to meet other engineers, exchange ideas, and form professional connections