Christian Edwards

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EDUCATION

BS in Computer Engineering - *University of Kansas*   *May 2023*
GPA: 3.74

WORK EXPERIENCE

Software Engineer Intern   May 2022 - Aug 2022
bp   *Chicago, IL*

- Developed a full stack web application to visualize data for the scheduling and operations teams
- Built an interactive map to display gas volume data using Angular, ASP.NET Web APIs, and Azure Maps
- Created physical and logical architectures for the product, worked with AWS EC2 and RDS
- Followed agile methodologies with a scrum team to develop and the application quickly and efficiently

Voice and Video Engineer Intern   May 2021 - Aug 2021
Metronet   *Evansville, IN*

- Built applications to automate and streamline operational tasks with Flask and JavaScript
- Developed Python scripts to utilize the ELK stack to pull and analyze millions of data points daily
- Gained experience communicating with stakeholders with a variety of technical backgrounds

EECS Shop Staff   Jan 2021 - Present
University of Kansas   *Lawrence, KS*

- Utilized the LPKF ProtoMat S103 to mill circuits and the uPrint SE Plus to 3D print orders
- Distributed probe kits and electronic components; maintained inventory of kits and stock
- Managed, supported, and trained other student workers, developed weekly schedules

PROJECTS

Companion App - (Kotlin)

- Designed and developed an Android app to track the stock market and a user's portfolio
- Displays live quotes and provides various portfolio analysis tools

Trivskins Trading Bot - (Python)

- Developed and maintained a bot in Python for the social platform Discord
- Analyzes virtual market prices, provides support, maintains a server wide economy, and more
- Hosted using a Google Cloud Compute Engine virtual machine in a Linux environment

Music Map - (JavaScript, HTML/CSS)

- Developed a web app using Spotify and Google Maps API for HackKU2021
- Allows users to see what songs are being listened to all around the world

SKILLS

Languages:	Python, C++, TypeScript, JavaScript, C#, VHDL
Worked With:	AWS, Git, PostgreSQL, HTML/CSS, Angular, Kotlin, Linux, C, ELK Stack, Grafana
Lab Experience With:	Soldering, PSpice, VHDL, Oscilloscopes, MATLAB, PCB milling, 3D Printing