AARON PATRICK GEARHART

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EDUCATION

University of Kansas, GPA 3.54/4.0

- Pursuing Bachelor of Science in Computer Science, Expected May 2021

WORK EXPERIENCE

Software Engineer Intern – Cerner Corporation *(Summer 2020)*

- Devised a mobile barcode scanning test for nursing devices
- Created an API to interact with ePaper display to present barcodes
- Formulated an EggPlant script to automate testing workflow
- Launched a React frontend for user interaction with API

Summer Network IT/Development Intern – Exelon Corporation *(Summer 2018/2019)*

- Automated processes on Exelon's network using Bash and Python Scripts
- Monitored the network using Splunk, Cisco Tetration, and Cisco vManage
- Upheld rapid changes in the network by completing service tickets

Owner – Blade Runner Landscaping *(2012-2017)*

- Acquired customer service, quality production, and entrepreneurial skills.

COMPUTER SKILLS

- Proficient in Python, C++, JavaScript. Familiar with HTML/CSS, Bash, Java

LEADERSHIP

VP of Information – EduCode *(2019-Present)*

- Formulate data acquisition and analytic methods to present progress on the state of the curriculum and the overall club.
- Teach middle schoolers how to code and problem-solving skills at an after-school club.

Resident Assistant at KU *(2018-Present)*

- Engage with residents with activities and events
- Respond to crisis that may arise while on call
- Create positive environments for residents
- Communicated with senior staff and co-RA's to resolve various issues

CAMPUS INVOLVEMENT

EduCode *(2018-Present)*

- Club that reaches out to nearby middle schools to teach programming and problem-solving skills to students.

KU Solar Car *(2018-Present)*

- Develop solutions to create the heads-up display (HUD), handle telemetry from the data acquisition subsystem, and just general electrical tasks that need to be done for the car to function properly.
- Researched electrical systems and parts for the car to run correctly
- Created design documents for the car and diagramed subsystems

AWARDS AND ACHIEVEMENTS

- Eagle Scout Award *(2014)*