

Seth Peterson

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Education

UNIVERSITY OF KANSAS | COMPUTER SCIENCE

LAWRENCE, KS

- Expected graduation: May 2020
- Overall GPA: 3.55

Work Experience

GARMIN | SOFTWARE ENGINEER INTERN

OLATHE, KS | SUMMER 2018

- Streamlined the Cartography team's aviation map update process by developing a modular, database-driven, and well-documented desktop application using Windows Presentation Foundation.

GARMIN | SOFTWARE ENGINEER INTERN

CARY, NC | SUMMER 2019

- Developed a prototype Android application to interface with a product under development over Wi-Fi.
- Expanded upon an existing Windows Presentation Foundation desktop application to provide a test suite used to evaluate ANT networking between groups of the product under development.

Personal Projects

REDDIT CLIMBING ROUTE BOT

- Implemented a Reddit bot that finds submissions with pictures of rock climbing routes and posts comments with information about the corresponding route.
- Utilized Python Reddit API Wrapper to interact with Reddit, Selenium to execute JavaScript on a headless Chrome driver, and BeautifulSoup to scrape the produced HTML.

Related Skills

SOFTWARE DEVELOPMENT

- Proficient with C++, C#, Java, and XAML.
- Familiar with SQL, Haskell, Python, JavaScript, and HTML.
- Skilled with Android Studio, Windows Presentation Foundation, Bulma, and Angular 6.

Leadership

BOY SCOUTS OF AMERICA | EAGLE SCOUT

LINDSBORG, KS | 2010-PRESENT

- Lead a service project at the Lindsborg Community Hospital to improve operation of the helicopter transportation pad.
- Reorganized the troop's communication systems, leadership structure, and activities which resulted in a 25% increase in active members during tenure as Senior Patrol Leader.
- Served as an adult leader during trips to Philmont Scout Ranch and Atikokan Northern Tier Base.