

Seth Peterson

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Education

UNIVERSITY OF KANSAS | COMPUTER SCIENCE

LAWRENCE, KS

- Expected graduation: May 2020
- Overall GPA: 3.55

Professional Experience

GARMIN INTERNATIONAL | SOFTWARE ENGINEER INTERN

SUMMER 2019

- Developed a prototype customer facing Android application written in Java which wirelessly interfaces with a product under development while working as a member of the Innovate Explore Produce team.
- Built upon an existing WPF desktop application written in C# to deliver an expandable test suite that evaluates wireless networking between instances of a product under development.

GARMIN INTERNATIONAL | SOFTWARE ENGINEER INTERN

SUMMER 2018

- Streamlined the aviation mapping update process by developing a database-driven WPF desktop application written in C# while working as a member of the Outdoor Mapping Engineering Team.

Personal Projects

TERRA | ANDROID APPLICATION

- Developed a soon-to-be released Android application that helps users develop a mindfulness habit through use of a session timer, calendar-based journal, and statistical analysis of their sessions.
- The app is written in Kotlin, follows Material Design UX guidelines, and utilizes the Android Architectural Components library.

CLIMBING ROUTE BOT | PYTHON SCRIPT

- Implemented a Reddit bot that identifies submissions with pictures of rock climbing routes and publishes comments with information about the corresponding route.
- The bot is written in Python and utilizes the Reddit API and BeautifulSoup for web scraping.

Leadership

BOY SCOUTS OF AMERICA | EAGLE SCOUT

2010 - PRESENT

- Lead a service project at the Lindsborg Community Hospital to improve the operation capability of the helicopter transportation pad by constructing an emergency access path
- Served as an adult leader during trips to Philmont Scout Ranch and Atikokan Northern Tier Base.