

Seth Peterson

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Education

UNIVERSITY OF KANSAS

EXPECTED SPRING 2020

- Bachelors of Science in Computer Science
- 3.55 GPA

Professional Experience

GARMIN | Software Engineer Intern

SUMMER 2019

- Developed an Android application that allows boat captains to communicate with scuba divers.
- Built upon an existing desktop application to deliver an expandable test suite that evaluates wireless networking between devices used for scuba diving.
- Technology used: Java, Android SDK, C#, WPF

GARMIN | Software Engineer Intern

SUMMER 2018

- Streamlined the aviation mapping update process by developing a database-driven desktop application.
- Created a command-line program that parses batch file scripts and inserts the equivalent functionality into a database utilized by the desktop application.
- Technology used: C#, SQL, WPF

Personal Projects

TERRA | Android Application

SUMMER 2019 – PRESENT

- Developed a soon-to-be released Android application that helps users establish a mindfulness habit.
- Technology used: Kotlin, Android SDK, Material Design

REDDIT CLIMBING ROUTE BOT | Python Script

SPRING 2019 – PRESENT

- Implemented a Reddit bot that identifies submissions containing pictures of rock climbing routes and then comments information about the route, which is scraped from MountainProject.com.
- Technology used: Python, Reddit API, Selenium, BeautifulSoup

Technical Skills

LANGUAGES | Java, Kotlin, C++, C#, Python, HTML, SQL

FRAMEWORKS & TOOLS | Android SDK, WPF, Bulma, Git, Firebase, Agile, Material Design

RELEVANT COURSES | Data Structures, Software Engineering, Programming I & II, Data Mining

Extracurricular Activities

BOY SCOUTS OF AMERICA | Eagle Scout and Adult Leader

FALL 2010 – PRESENT

ROCK CLIMBING CLUB | Member

FALL 2016 – SPRING 2018