

Alex Leute

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PROFESSIONAL EXPERIENCE

Spack Package Developer and HPC Troubleshooting Specialist Co-Op

01/2024 – 08/2024

RIT Research Computing

Rochester, NY

- Made open-source contributions to Spack [🔗](#), a package manager for super computers (similar to APT and Homebrew).
- Wrote Python code to automate from-source software installation.
- Utilized Git extensively, using pull requests to contribute work both internally and to Spack's GitHub.
- Collaborated with co-workers to complete GitLab issues in a timely manner for RIT researchers.

EDUCATION

Web and Mobile Computing

2020 – 2025

Rochester Institute of Technology

Rochester, NY

Bachelor of Science, Graduated 2025

PROJECTS

Senior Development Final Project [🔗](#)

Collaborated on a two-semester project, working as a team of six, to build a website for a board game tournament, allowing participants to sign up, join teams, and see where they are in a bracket. Worked as a backend developer, using JavaScript, Node.js, Express, React, SQL, Git, and Jira.

WioSleepTracker [🔗](#)

Written using Arduino C++ as a Foundations of Wearable & Ubiquitous Computing final project.

QuickRead [🔗](#)

An Android app that helps you read faster by guiding you through the text one word at a time, built using Kotlin and Jetpack Compose.

FIRST ROBOTICS COMPETITION

Team 1511 Rolling Thunder

2016 – 2020

Scouting Lead

- Coordinated our efforts to better understand other teams capabilities.
- Designed and built an Android app using Java and Microsoft Access to gather data during matches.

EAGLE SCOUT

Boy Scout Troop 312

11/2019

INTERESTS

Advent of Code [🔗](#) | Dungeons & Dragons | Board games | Bread baking

SKILLS

Python | Java | Git | JavaScript | HTML 5 | CSS 3 | Rust | Kotlin | Open Source