

Oren Rotaru

Student System Designer

About Me

Hi There! Nice to meet ya!

Contact Information

Location: Saskatoon, SK / Calgary AB

Skills & Expertise

★★★★ Proficient

Python, Bash, Linux, bash, communication, oral presentation, C programming language, Documentation, Experimental Design, Test Planning, Test Analysis, Use Case Analysis,

★★ Comfortable

Java, Kotlin, Embedded Systems, KiCAD, Circuit Design, SQL, Satellite Communications, Requirements Gathering, Agile Methodologies.

★ Familiar

Business Planning, Grafana, Influx DB

Professional Experience

Calian Advanced Technologies

Student System Designer April 2024—August 2025

Calian Advanced Technologies division is a global supplier of technical solutions, services and products to the Aerospace & Defence, Satellite, Wired & Terrestrial Wireless, Test & Measurement, AgTech and Nuclear industries.

University Of Saskatchewan Space Design Team

Software Team Lead Febuary 2023—Present

- Organized and led a software team as the Software Lead for the University of Saskatchewan Space Team, implementing engineering design principles to eventually lead to the design and manufacturing of Saskatchewan's second cube satellite.
- Utilized agile methodologies and conducted workshops to foster collaboration ensuring long-term project success and adaptability.
- Gained invaluable familiarity with embedded systems and electronic design tools.

Achievements

Bachelor of Engineering, Computer Engineering

University Of Saskatchewan

Met/meeting a lot of really smart and cool people here!

Hobbies & Interests

I got a passion for videography and photography. I often do it on the side. I also enjoy singing, hiking in nature and spending quality time with family. Also a board game enthusiast! When I'm not doing work related things on my computer, I'm doing other computer things like A/V communications, building my next random side project, or configuring my dotfiles on linux. Catch me both outside and inside! I'm a fan of disc golf. Have grown quite the collection of disks.