

# SAM MUSSER

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## SUMMARY OF QUALIFICATIONS

Dependable Software/Computer Engineer with strong work and personal ethics  
Work well under pressure and deadlines, has strong team building skills  
Excellent communicator and natural leader, willing to work on-site or at home/telecommute

### Additional Core Competencies

Applications/Relevant Topics:

Multisim, Eagle

Android Open-Source Project

Embedded Linux, GNU/Linux

Bash, Git, Gerrit, Spira, Jenkins

Outlook, Word, Teams, Excel, PowerPoint

Programming Languages:

C/C++

C#

Java

Peripherals:

I2C, SPI, GPIO, RS-232, USB

## PROFESSIONAL ENGINEERING EXPERIENCE

**Rosen Aviation** | Software Engineer | July 2021 - Present

- My contributions to the public Rosen source-control system:  
<http://gerrit.rosenaviation.com:8080/q/owner:smusser>
- Developing and sustaining software in an Android/Linux based ecosystem with an increased focus on agile development in a waterfall environment
- Spectrum of project experience from embedded firmware improving our customer's experience to large scale applications increasing internal efficiencies
- Heavy emphasis of product design on C++ and Java
- Leader of the Rosen Green Team (Sustainability Committee) having the impact of increasing the company's social responsibility, improving internal conditions, and managing group assignments

**Ascent Resources** | Developer Intern | May 2021 - June 2021

- Performing role specific duties involving development, infrastructure, security, and networking
- Topics of knowledge included SQL, PowerShell, IP Subnetting and hosting, C#

**University of Oklahoma Engineering Dpt** | Student Capstone Software Engineer | Jan 2021 - May 2021

- Integration of Long Range Radio (LoRa) modules with receiver and sender embedded microcontrollers (Arduino Nano) and overall safety/parsing of data communication in C/C++
- Device is embedded along road lines for smart vehicles to intake data for severe weather

## ACADEMIC EXPERIENCE

**University of Oklahoma (OU)** | Norman, OK

**Bachelor of Science in Computer Engineering** | May 2021

GPA 3.24 / 4.00

Minor in Computer Science

**University of Oklahoma - Arezzo** | Arezzo, Italy

Art History / Climate Change | Jul 2019

## AWARDS

Distinguished Scholar Academic Scholarship

William H. Barkow Academic Scholarship

Ernest W. Reynolds Endowed Academic Scholarship