# SAM MUSSER

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## SUMMARY OF QUALIFICATIONS

Dependable software/computer engineer with very strong interpersonal skills and an unbeatable attitude.

**Website/Portfolio**: https://samuelmusser.github.io
**LinkedIn**: https://www.linkedin.com/in/sammusser/

| **Applications/Relevant Topics:** | **Programming Languages:** |
| --- | --- |
| Embedded Linux, GNU/Linux | C, C++, C#, Java |
| Bash, Git, Gerrit, Spira, Jenkins | |
| Android Open-Source Project | **Peripherals:** |
| Multisim, Eagle | I2C, SPI, GPIO, RS-232, USB |

## EXPERIENCE

**Rosen Aviation** | Software Engineer | July 2021 - Present
- Developed and sustained applications in **Java**, services in **C++,** and Linux drivers in **C** within Android Open-Source Project
- Increased internal efficiency by automating manual systems with production applications in **C#**
- Designed hardware specific software solutions for NXP's i.MX8 SoM
- Facilitated future ease for project revisions and file system development using **Bash** scripts and creating software blogs
- **Rosen Software Review System**: http://gerrit.rosenaviation.com:8080/q/owner:smusser

**Ascent Resources** | Developer Intern | May 2021 – June 2021
- Performed network analysis with the systems administrator and scripted processes
- Held private sessions with the VP of IT over leadership opportunities and professional development

**University of Oklahoma Engineering Dpt** | Student Capstone Software Engineer | Jan 2021 – May 2021
- Interfaced Long Range Radio modules with embedded **Arduino Nano** microcontrollers
- Parsed data between the host highway signs and embedded receiver sensors in road lights in **C/C++**

## LEADERSHIP AND AWARDS

- Leader of the Rosen Green Team increasing the company's social responsibility, improving internal conditions, and managing group assignments resulting in BRING Rethink Certification
- Earned Distinguished Scholar Academic Scholarship as EMHS valedictorian and having ACT score of 30
- Awarded William H. Barkow Academic Scholarship for Electrical/Computer Engineers
- Awarded Ernest W. Reynolds Endowed Academic Scholarship for Electrical/Computer Engineers

## EDUCATION

**University of Oklahoma** (OU) | Norman, OK
**Bachelor of Science in Computer Engineering** | May 2021
GPA 3.24 / 4.00
Minor in Computer Science
National Society of Collegiate Scholars Member

**University of Oklahoma – Arezzo** | Arezzo, Italy
Art History / Climate Change | Jul 2019