Kevin Kredit

kevinkredit@email.com
http://github.com/kkredit
(789) 456-1230

Objective

Embedded software engineer seeking to move into higher level software and advance the state of safety and security.

Education

- **Grand Valley State University** ..... Grand Rapids, MI
  Master of Science in Computing and Information Systems; GPA: 4.00 *Anticipated Dec. 2020*
  - **Concentrations**: Cybersecurity, Web & Mobile Computing
  - **Selected Coursework**:

Information Security Principles	Data Security and Privacy	Web Architectures
Secure Software Engineering	Distributed Systems	Mobile Development
	SQL Database Design	

- **Calvin University (formerly Calvin College)** ..... Grand Rapids, MI
  Bachelor of Science in Engineering with Honors; GPA: 4.00 *May 2016*
  - **Concentration**: Electrical & Computer
  - **Minors**: Computer Science, Mathematics, and Business

Experience

- **DornerWorks Ltd.** ..... Grand Rapids, MI
  Embedded Software Engineer *June 2016 - Present*
  - **Multiprocess C Systems Programming**: Implemented a multithreaded runtime library that communicated with a multi-partition health monitoring application
  - **Continuous Integration**: Stood up a Jenkinsfile pipeline-driven CI platform to remotely cycle power and provide serial access to target boards
  - **Isolation Technologies**: Extended and used separation technologies Xen hypervisor and the seL4 microkernel
  - **Simulation Software**: Optimized automotive radar simulation C++ software for speed and fidelity with threading and vector instructions (OpenMP and Intel SSE)
  - **Touch Driver**: Developed Windows EC 7 touch screen drivers in C using SPI and I2C
- **Boeing** ..... Everett, WA
  Avionics Systems Engineer, Intern *June - August 2015*
  - **Systems Engineering**: Performed systems integration, requirements development, and lab testing

Projects

- **z_check**: C error handling and logging library to enable robust programming practices
- **MQTT Security App**: MQTT client for Android that analyzes server configurations for security properties
- **IoT Irrigation**: Irrigation control system using mesh networking and a 3G gateway connecting to a web UI

Programming Skills

Languages:	C	Bash	Python	HTML/CSS	
	C++	Java	SQL	JavaScript	
Technologies:	Linux	valgrind	Jenkins	seL4	Rails
	gdb	Docker	LaTeX	Xen	React

References

- **Alice Foo** - *Academic Advisor* ..... alicefoo@uni.edu - (123) 456-7890
- **Bob Bar** - *Colleague* ..... bobbar@biz.com - (234) 567-8901