

Jeffrey A. Booher-Kaeding

booherkj@sonoma.edu

kaeding.io

(408) 823-9182

Education:

- **Junior at Sonoma State University, Rohnert Park, CA. Expected graduation: May 2018**
Bachelor of Science in Computer Science
Minor in Electrical Engineering

Selected Courses:

- Data Structures
- Database Management System Design
- Software Design and Development
- Computer Architecture
- Fundamentals of Digital Logic and Design
- Artificial Intelligence

Skills:

- **Programming Languages:** C++, Python, MySQL, Java
- **Tools:** Unix, Linux, Git, Vim, GDB, Android Studio, Pycharm, Arduino, Assembly

Projects:

- Programmed a biometric bike lock prototype that took 2nd place at the North Bay Make-A-Thon using Arduino C/C++ and third party hardware/supporting libraries.
- Developed the interface for a Settlers of Catan board game on Android using Java and XML.
- Developed a Makefile utility in C++ for use on Unix platforms.

Employment:

Sonoma State University

Rohnert Park, CA.

- **Community Service Advisor** August - May, 2015-2016
Worked in a team reliant environment to develop and implement social programs for university students. Supervised residence in campus housing and responded to crisis.
- **Computer Lab Assistant** January - May, 2015
Maintained a custom key card login system. Identified/solved software and hardware issues.
- **Internship with Department of Engineering Science** January - May, 2015
Built sensor based embedded system prototypes for maintaining washing machines in campus residential halls and developed software for user and system interaction.

City Of Campbell

Campbell, CA.

- **Leader 1-3** June - August, 2011-2015
Developed and implemented programs with focus on social and personal growth in children. Communicated with parents, and staff. Supervised a group of leaders, resolved safety concerns.

Community:

- **Santa Clara County Office of Education** 2010-2015
Special Education volunteer in classrooms, Special Games, seasonal events. Engaged with students age 3-22 under direction of teachers and staff.