

# Jeffrey A. Booher-Kaeding

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kaeding.io

(408) 823-9182

## *Education:*

- **Sonoma State University, Rohnert Park, CA** **Expected graduation: Dec 2018**  
Bachelor of Science in Computer Science GPA 3.3

## *Projects:*

- Awarded grant of \$1,000 for Undergraduate research in ARM heterogeneous ISA implementation and its impact in performance in Distributed systems. "Parallel and Distributed Performance Evaluation on 'Wimpy Nodes'" for Spring 2018
- Programmed a biometric bike lock prototype that took 2<sup>nd</sup> 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
- Built a personal website using Javascript, Apache, CSS, and Flask on self maintained server

## *Skills:*

- **Programing:** C++, C, Python, MATLAB, MySQL, Java, Arduino, Assembly, JavaScript
- **Tools:** Unix/Linux, GDB/LLDB, Git, JetBrains IDE's, Apache, Flask

## *Employment:*

### *Sonoma State University*

*Rohnert Park, CA*

- **Assistant System Administrator** **August 2017 - Present**  
Building and managing computer systems to support various educational environments. Keeping Windows, Linux, and MacOS computers up to date. Testing new OS distributions and software.
- **Community Service Advisor** **August 2015 - May 2016**  
Supervised students in on campus housing. Developed and implemented social programs for students. Worked on-call to responded to crisis with a team of my peers.
- **Computer Lab Assistant** **January 2015- May 2015**  
Maintained a custom key card login system. Identified/solved software and hardware issues.
- **Internship with Department of Engineering Science** **January 2015 - May 2015**  
Built sensor based embedded system prototypes for maintaining washing machines in campus residential halls and developed software for user and system interaction.

## *Community:*

- **Santa Clara County Office of Education** **2010 - 2016**  
Special Education volunteer in classrooms, Special Games, & seasonal events. Engaged with students age 3-22 under direction of teachers and staff.