# Cody Holliday

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Recent Graduate Seeking Part Time Job

## Education

**Oregon State University** **Corvallis**

*Computer Science, Undergrad GPA:* **3.52** *9/2014–6/2018*

Studied Computer Science with an interest in security and Linux systems.

Relevant Coursework.................................................................................................

Networking, OSI&II, Analysis of Algorithms, Data Structures, Senior Design

## Work Experience

**Faculty Research Assistant** **Remote**

*Oregon State University* *September 2018 –*

Researching automated testing of Operating Systems using open source Fuzzing and Symbolic execution projects.

**Student Systems Engineer** **Corvallis**

*OSU Open Source Lab* *June 2016–June 2018*

Gained knowledge of system administration tools and techniques by working with coworkers and mentors to solve problems for clients hosting on our servers. Projects ranged from building components of a testing pipeline, to writing tools to migrate data from Open Source project management tools.

**Frequently Used Tools at the Open Source Lab**

- Ruby
- Git
- Chef
- Chefspec
- Bash
- Jenkins

**Teacher's Assistant for CS312 System Administration** **Corvallis**

*Oregon State University* *April 2018–June 2018*

Graded Student work and lead labs. Contributed to the quality of new coursework.

**Teacher's Assistant for CS161 & CS162** **Corvallis**

*Oregon State University* *September 2015–June 2016*

Graded student work and helped students understand key Computer Science concepts.
The programming language for these courses is C++.

## Senior Design Group Project

**brew.ai**: Brew.ai is an automated mead brewing machine. It learns what flavors you like in your mead over the course of multiple brews. The device is controlled through an Android app that connects to it via Bluetooth. I wrote the Android app as well as integrated the Bluetooth connection to enable communication between the app and the brewing process on the Raspberry Pi controller.

## Other Skills

- C/C++
- Python
- Java
- MySQL
- Android Development
- Group Software Development

## Activities

**Licensed HAM Radio Operator**: Study electrical engineering fundamentals and communicate with other operators around the country. Currently Technician level.

**Senior Project Sponsor**: From September 2018 to June 2019. Meet and advise students on their ongoing project. The project is to add a RISCV core and other features to an Open Source cellphone design.