

Aaron Gunderson

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EDUCATION

Bachelor of Science, Computer Science,
Rensselaer Polytechnic Institute, Troy, NY

GPA: 3.30 Dec 2016

EXPERIENCE

DevOps Intern Onshape

May 2015-Present

- Work on software for deploying, building, monitoring and managing cloud based 3D CAD.
- Built automation tools to help operations and development teams jobs easier
- Used Ansible and Puppet for configuration management

Software Engineering Intern Nebulous Labs

May 2015-Present

- Building a community file sharing site for Sia, a decentralized storage service, using Go, MongoDB and Angular
- Worked to design the Sia REST API Exposed for control of the Sia daemon

Inventor The Inventor's Guild

February 2015-Present

- The Inventor's Guild is a think tank and consulting firm
- Build minimum viable products for start ups, engage in hackathons and other competitions

Software Developer, Observatory, Open Source Project Tracker

January 2014-Present

- Maintained and added features to legacy system built using Django
- Designing and leading development of ground up rebuild using MEAN stack

Software Developer Whiteboard

January 2014-December 2015

- Developed Whiteboard, a Django(Python) web application for crowd sourced assignment and grade tracking
- Grew team from two developers to six developers helping the new developers learn web development and contribute to open source software
- Led project from design stage to deployment on Amazon Web Services(AWS)

Electronics Team Assistant Lead, Rensselaer Electric Vehicle

Fall 2013-Fall 2014

Associate Member, Alfred the ButlerBot, Embedded Hardware Club

Fall 2013-Spring 2014

LEADERSHIP

Lead Mentor Rensselaer Center for Open Source(RCOS)

January 2015-May 2015

- Worked on a team of five lead mentors overseeing 150 student developers
- Lead meetings, manage mentors and help ensure projects and members are successful
- Helping to restructure to handle the growth in members and projects while maintaining quality and reputation

Mentor Rensselaer Center for Open Source(RCOS)

Summer 2014-Present

- Mentor providing members with programming guidance and other services to the RCOS community including volunteering and maintaining our custom built open source project tracking system

Undergraduate Programming Mentor, Rensselaer Computer Science Department

Fall 2014

- Worked as an undergraduate teaching assistant for Computer Science 1
- Assisted student's with learning programming concepts, debugging code and best coding practices

Teaching Resident Assistant Dean of Students Office, Rensselaer Polytechnic Institute

Summer 2014

- Exposed Middle and High School students to STEM fields and related careers
- Taught and showed students topics covering everything from Robots to Chemistry to Leadership

President, Pennridge High School Robotics Club

September 2011-June 2013

SKILLS

Languages: *Experience with:* Python, Golang, Javascript, HTML, CSS, C++,

Programs/Frameworks: git, Ansible, Puppet, Django, Flask, Node.js, Express.js, Databases

Operating Systems/Platforms: Unix/Linux, Windows, Amazon Web Services, Heroku

Other: Excellent communication skills, Limited Working Proficiency in German

AWARDS

AT&T Tech Valley Civic App Challenge: Won Honourable Mention for an app that help citizens find community events nearby. I built the web backend for the iOS app.

YHack 2014: Best Use of Pebble SDK Award and Craziest Hack by ThinkGeek award. View on Challenge Post.