

Aaron Gunderson

Phone: REDACTED Address: REDACTED

Email: aaron@agundy.com Web: www.agundy.com Github: agundy

OBJECTIVE

An internship working on high impact projects where I can grow and learn in a fast paced environment.

EDUCATION

Bachelor of Science, Computer Science,
Dean's List, Rensselaer Polytechnic Institute, Troy, NY

GPA: 3.26 May 2017

EXPERIENCE

Software Developer Rensselaer Center for Open Source(RCOS) **January 2014-Present**

- 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 to Amazon Web Services(AWS)

Mentor Rensselaer Center for Open Source(RCOS) **Summer 2014-Present**

- Mentor providing members with programming guidance and other services to the RCOS community including 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

Associate Member, Alfred the ButlerBot, Embedded Hardware Club **Fall 2013-Spring 2014**

- Worked to design, build and program a self driving robot.
- Helped write Android application for drink dispensing that utilized OpenCV.

Rensselaer Electric Vehicle, Electronics Team Assistant Lead **Fall 2013-Fall 2014**

- Designed Control System for our Urban Concept Car and helped lead development for our next Prototype Car.
- Manage Control Systems team inside of the electronics team.
- Organized six person team and reported regularly to our Project Manager and President on research and design tasks as the Acting Lead over the summer.

SKILLS

Languages: Python, C++, HTML/CSS, Javascript, JSON, LaTeX

Programs/Frameworks: git, Eclipse, Visual Studios, Django, Bash, Databases, Siemens NX, Pspice, KiCad, Adobe Photoshop, InDesign & Illustrator

Operating Systems: Unix/Linux(Ubuntu/Debian, Fedora), Windows 7/8

Foreign Language: Limited Working Proficiency in German

ADDITIONAL EXPERIENCE

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.

Associate Member, ArduinoDrone **Spring 2014**

- Interfaced sensors for Arduino including accelerometer, GPS sensors, altitude and pressure sensors
- Designed simple Autopilot capabilities and user interface

Office Assistant, Bursars Office, Rensselaer Polytechnic Institute **Fall 2013-Spring 2014**

- Assisted with administrative tasks and used database system to manage students financial accounts

President, PHS Robotics Club **September 2011-June 2013**

Farm Hand, Blooming Glen Farm, Perkasio, PA **June 2011-August 2013**

COURSEWORK

Data Structures, Embedded Control, Algorithms, Foundations of Computer Science, Computer Components and Operations, CAD, Multivariable Calculus, Differential Equations, Visual Communications

AWARDS

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