

📋 Objective

- Motivated student interested in software development and fast-paced company culture.

🛠 Technical skills

- Programming Languages: [Python](#) [Java](#) [C++](#) [Javascript](#) [PHP](#) [C#](#) [Google Dart](#)
- Other: [HTML](#) [CSS](#) [JSON](#) [XML](#)

🎓 Education

B.S. Computer and Systems Engineering Rensselaer Polytechnic Institute 2017 GPA: **3.91/4**

⚙ Projects

- RPI Homework Submission Server | github.com/JFrei86/HWserver
- "Ultimate Miner" Android game with 200,000+ downloads
- Vose Alias Algorithm Python/Javascript | github.com/seveibar/vose-alias-python
- "Git Collab" - Libraries for realtime version control | github.com/seveibar/git-collab
- RPI Winter Carnival homepage (2014) | carnival.union.rpi.edu
- 20+ Open Source Repositories | github.com/seveibar

🏆 Achievements

- HTML5 Grand Prize Winner "Liberated Pixel Cup" 2/17/2013
 - International open-source game coding competition sponsored by Mozilla, Free Software Foundation and Creative Commons
- 1st Place RPI Microsoft Code Competition 10/30/2013
- 1st Place Target Business Case Study Competition 4/10/2014

💼 Work Experience

- Software Developer at Rensselaer Center for Open Source (August. 2014 – Present)
 - Developing libraries for realtime collaborative editing with git version control integration.
 - Technologies used: [Coffeescript](#) [Javascript](#) [NodeJS](#)
- Contract Web Developer at Lytespeed Computers (July. 2014 – Present)
 - Developing full company website, custom content management and design generation system.
- Contract Software Developer at Green Heron Engineering (July. 2014 – Present)
 - Maintaining software client for large antenna motor controllers and developing new web client.
- Summer Intern at Harris RF Division, Rochester NY (May. 2014 – August 2014)
 - Development of automated testing framework, continuous integration frameworks, and utility software for military radios. Performed extensive automated radio failure testing and debugging.
 - Technologies used: [C#](#) [.NET](#)
- Software Developer at Rensselaer Center for Open Source (Jan. 2014 – May. 2014)
 - Collaborated with a professor and small group to create a homework submission and automatic grading server for the RPI computer science department. Currently in use for several classes.
 - Technologies used: [C++](#) [Bash](#) [PHP](#) [Javascript](#) [HTML](#) [CSS](#)

🎯 College Involvement

- Embedded Hardware Club Project Manager
- Resident Student Association Web Master
- RPI Business Model Competition
- Rensselaer Center for Open Source
- HackRPI Hackathon Club
- Winter Carnival Web Master