

# Severin Ibarluzea

Web Dev | Programming | Embedded Hardware

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<http://www.seveibar.com>

## Objective:

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

## Technical Skills:

Programming Languages: Python, Java, C++, Javascript, PHP, C#, Dart, Go

Other: HTML, CSS, JSON, SQL, XML, Less

Hardware: Arduino, PSoC, EDA (KiCAD), CAD (Inventor, Solidworks, OpenSCAD)

## Education:

Bachelors, Computer and Systems Engineering Rensselaer Polytechnic Institute

## Projects:

Sia Open Source Decentralized Storage Network	2014
RPI Homework Submission Server	2014
"Ultimate Miner" Android Game with 200,000+ downloads	2012
Javascript Optimized Spatial 2D Bin Packing	6/2015
Bluetooth Wearable Spectrometer   Smart Lighting Research Center	current
50+ Github Repositories   1000+ yearly commits   <a href="https://github.com/seveibar">github.com/seveibar</a>	

## Achievements:

1st Place TripAdvisor Intern Hackathon	6/2015
HTML5 Grand Prize Winner LPC   Mozilla/FSF/CC sponsored game comp	2013
1st Place Microsoft Code Competition	2013
1st Place Target Business Case Study Competition	2014
Best User Experience HackBU	2014

## Work Experience:

<b>Trip Advisor</b>   Intern Software Developer	4/2015-7/2015
- Developed live site fixes and new features	
- Adhoc data analysis to determine feature/bug impact	
<b>Nebulous Labs</b>   Intern Software Developer	11/2014-1/2015
- Designed, implemented and deployed application and website for storage-based cryptocurrency	
<b>The Inventor's Guild</b>   Inventor	2014-Present
- Rapid-paced brainstorming, prototyping and development of complex hardware/software projects. Completed contracts with 4 companies.	
<b>Green Heron Engineering</b>   Software/Firmware Developer	2014-Present
- Maintained and designed software applications for large antenna motor controllers. Build software for embedded web server.	
<b>Harris RF Division</b>   Intern Software Developer/Test Engineer	2014
- Developed automated testing framework, continuous integration frameworks, and utility applications for military radios. Performed extensive radio testing and debugging.	
<b>Rensselaer Center for Open Source</b>   Software Developer/Coordinator	2014-Present
- Collaborated with professor to create homework submission platform using intelligent grading algorithms for CS classes at RPI.	

## College Involvement:

Embedded Hardware Club | Project Manager

Rensselaer Center for Open Source | Coordinator