Severin Ibarluzea
Web Dev | Programming | Embedded Hardware

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Objective:
Student interested in software/hardware development role in challenging and fast-paced environment.

Technical Skills:

Programming Languages:	Python, Java, C++, C, Javascript, PHP, C#, Dart, Go
Other:	HTML, CSS, JSON, SQL, XML, Less
Hardware:	Arduino, PSoC, 8051, BBB, EDA (KiCAD), CAD (Inventor, Solidworks)

Education:
Bachelors, Computer and Systems Engineering Rensselaer Polytechnic Institute   GPA: 3.74/4.00

Projects:

RPI RFID - Custom Circuit/Antenna for Reading RPI RFID Cards	2015
Embedded Hardware Club PCB Design "Circuit"	2015
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
1000+ yearly commits	**github.com/seveibar**	

Achievements:

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

Work Experience:

Trip Advisor | Intern Software Developer   4/2015-7/2015
- Developed live site fixes and new features
- Adhoc data analysis to determine feature/bug impact

Nebulous Labs | Intern Software Developer   11/2014-1/2015
- Designed, implemented and deployed application and website for
  storage-based cryptocurrency

The Inventor's Guild | Inventor   2014-Present
- Rapid-paced brainstorming, prototyping and development of complex
  hardware/software projects. Completed contracts with 4 companies.

Green Heron Engineering | Software/Firmware Developer   2014-Present
- Maintained and designed software applications for large antenna
  motor controllers. Build software for embedded web server.

Harris RF Division | 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.

Rensselaer Center for Open Source | 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
Smart Lighting Research Center | Undergraduate Researcher
Rensselaer Center for Open Source | Coordinator