

# Ian Kronquist

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## Skills

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<b>Development</b>	Python, C/C++, Ruby, Chef, Puppet, Docker, Git, GitHub, NodeJS, Javascript, Django, Linux
<b>Leadership</b>	Curriculum Design, Teaching, Public Speaking

## Employment

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**Oregon State University Open Source Lab, *Developer*** *November 2013-Present*  
Wrote a web back end for the lab's NodeJS time management API. Wrote Docker development environments and DevOps Chef cookbooks for deploying the lab's Python web applications.

**Puppet Labs, Puppet Language Design Team, *Intern*** *June-September 2015*  
Implemented a tool to do type checking and generate HTML documentation from code comments. Designed and prototyped a system for instrumenting the Puppet parser to extract test coverage statistics. Implemented built-in functions for the Puppet catalog compiler.

**Mozilla, SUMO Engineering Team, *Intern*** *June-September 2014*  
Designed and implemented a Bayesian spam and abuse detection and filtering library in python for Mozilla's user input Django site.

**Reach Technology, *Intern*** *July-September 2013*  
Wrote a cross-platform C++ desktop application for the customer development kit for an embedded graphics display module. Wrote the company product wiki and documentation. Created customer video tutorials.

## Leadership

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**Eagle Scout**  
Designed, constructed, and gathered donations for a lending library for a disadvantaged community in North-East Portland as an Eagle Project.

**DevOps BootCamp**  
Designed a curriculum and taught core software development and systems operation skills to OSU students.

## Education

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**Oregon State University, *Corvallis, Oregon*** *Current Student*  
Pursuing a Bachelor of Science, Computer Science. Honors College student. Senior standing, expected graduation Summer 2016. GPA: 3.71.

**AFS Turkey Foreign Exchange Program, *Adana, Turkey*** *September 2012-July 2013*  
Attended Gündoğdu Koleji (Sunrise High School) in Adana, Turkey. Proficient in the Turkish Language.

**Portland Community College, *Portland, Oregon*** *June 2012*  
Graduated with Honors with an Associates of Arts Oregon Transfer degree.

## Projects and Notable Open Source Contributions

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<b>Hope JIT</b>	A Python JIT for astronomical computations. Modified codegen to work on OS X.
<b>Kernel of Truth</b>	Personal project implementing a x86 C kernel written from scratch.

## Talks

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<b>How to Train Your Compiler, <i>Seattle GNU/Linux Conference</i></b>	<i>October, 2015</i>
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