Isaac Archer

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EDUCATION

Oregon State University, Corvallis, OR *B.S. Computer Science Student*	**2012 – 2014**
Portland State University, Portland, OR *B.S. Computer Science Student*	**2010 – 2012, 2014 - Present**
Sherwood High School, Sherwood, Oregon *Graduated June 2009* GPA 3.25	**2005 – 2009**

SKILLS

Programming Languages
- C, C++, Java, C#, Perl, Python, Ruby, PHP, HTML, Haskell, SQL, Various Shells (e.g. PS)

Tools
- GCC, GDB, Clang, GIT, OpenCV, Eclipse, Visual Studio, IRB, Flask, Postgres

Projects and Upper Division Classwork
- C# Bridge Controller
- rirc (Ruby-IRC-Framework) gem
- slackbot
- C++ OpenCV Video Analysis Tools
- Database frontend and backend in ruby/python
- Operating System Components for xv6
- Parser Generator in Ruby
- SigmaIrc C# IRC Library

Skills and Experience
- Algorithm Analysis
- Database Theory and Design
- OOP Software Design Using UML
- Windows/Linux Software Development

JOB EXPERIENCE

Stocking Staff, Computer Components *Fry's Electronics, Wilsonville, OR* • *Shelf stocking and product display maintenance* • *Avising customers on product purchases*	**Winter 2012**
Computer Science Tutor *Portland State University, Portland OR*	**Spring 2012**
PSU ACM Student Chapter President *Portland State University, Portland OR*	**Spring 2012**
OpenCV Video Analysis Software Development *Signal Semantics, Sherwood Oregon* *Building Video Analysis and Processing Tools using OpenCV*	**Summer 2012**
OSU Linux Users Group Vice President *Oregon State University, Corvallis, OR*	**Fall 2013 – Spring 2014**
Oregon State University Computer Science Teaching Assistant *Oregon State University, Corvallis, OR*	**Spring 2014**
Desktop Operations Group, Computer Action Team *Portland State University, Portland, OR* • *IT and desktop support for the College of Engineering* • *Providing Support for Linux and Windows machines*	**Fall 2014 – Spring 2015**

ACTIVITIES

- ACM PSU college chapter 2011-2012 (President Spring Term 2012)
- Oregon State Linux Users Group 2012 – 2014 (Vice President)

REFERENCES AVAILABLE UPON REQUEST