

Christopher J. Peplin

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Contact Information

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Education **M.S. in Information Networking, expected May 2011**

Information Networking Institute, Carnegie Mellon University, Pittsburgh, PA

B.S. in Computer Science, 2009

University of Michigan, Ann Arbor, MI
Cumulative GPA: 3.5, CSE Scholars Member

Computer Science Topics

Web Frameworks & APIs, Concurrent and Parallel Systems, Artificial Intelligence, Databases, Data Structures & Algorithms, Discrete Math, Operating Systems, UML

Work

Java Web Service Developer, September 2009 to present

Bueda, Pittsburgh

Building a Java web service platform to disambiguate tagged, online content as a part of a small start-up team. Designing with data structure performance optimization and natural language processing issues in mind.

Drupal Web Developer, May 2009 to present

Grosse Pointe Today, grossepointetoday.com

Working on a small development team to launch an alternative, online newspaper based on the Drupal platform. Creating custom content types & views, and analyzing usability.

Collaborative Grant Award Project, December 2008 to May 2009

University of Michigan - Grant Opportunities [Collaborative Spaces], Ann Arbor

Worked to reunite the disparate scales of humans and astronomic phenomenon using interactive 3D graphics, microcontrollers, sensors and live scientific data streams, and culminating in an interactive gallery installation.

Student Co-op & Contractor in Integrated Systems, May 2008 to August 2009

Toyota Technical Center, Ann Arbor

Worked on advanced development and implementation of intelligent transportation systems, focused on active safety. Implemented and tested inter-vehicle communications applications for the successful ITS World Congress 2008 demonstration in New York City.

Student High Performance Computing Support Staff, January 2008 to May 2008

University of Michigan - Center for Advanced Computing, Ann Arbor

Part of a small team that administrates a high-performance academic computing cluster. Assisted with network diagnostics, hardware support and user questions. Updated internal Wiki to track cluster problems and updates.

Skills

Web Frameworks & Languages

Valid HTML & CSS, SQL, Python & Django (whispero.com), Ruby On Rails, PHP

Programming Languages & Libraries

Java, C, C++ (including Intel Threading Building Blocks), Processing, Bash Shell

Linux Tools & Software

SSH, vi, rsync, gprof, Valgrind, Callgrind, GNU Screen, Subversion, Bazaar, Trac

Interests

Architectural and Industrial Photography, Holography, Cycling, Data Visualization, Music (collecting, recording, playing and listening), Physical Computing

education

work

skills