

TOM HAYNES

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OBJECTIVE

- › **Summer 2010 internship** in the field of **Interaction Design** or **User Experience**. I have a strong technical background and a desire to design useful systems that improve people's lives.

EDUCATION

- Master of Science in Information, **Human-Computer Interaction** May 2011
- › School of Information, University of Michigan, Ann Arbor, MI
 - › Awarded the Stephen Markel Scholarship
- Bachelor of Science, **Computer Science** and **Mathematics** May 2009
- › University of Michigan, Ann Arbor, MI

SKILLS

- › *Applications* Photoshop, OmniGraffle, Office, Google documents, Maple, Mathematica, LaTeX
- › *Methods* Contextual inquiry, wireframing, prototyping, interviewing, usability testing
- › *Technology* Experience with Django, jQuery, OpenMP, MPI, Qt, Boost and KML
- › *Programming* Strong C, C++, Python, PHP, MySQL, HTML, CSS, and JavaScript

WORK

- Software Developer** at **Blue Newt Software** May-Dec 2009
- › Created a scene editing application using the PyQt UI framework
 - › Contributed C++ and Python to the 3D graphics codebase
- Teaching Assistant** for EECS 280 and 281 at the **University of Michigan** Jan-Apr 2008 and 2009
- › Taught a weekly discussion section covering introductory programming concepts and tools
 - › Wrote project specifications, graded exams, and held weekly office hours
 - › Managed the autograder and wrote test cases for course projects
- Technical Intern** at **Zattoo** May-Aug 2008
- › Designed and implemented internal and external web services on the application services team
 - › Utilized python and KML to convert user logs into map visualizations viewable in Google Earth

PROJECTS (more at tom-haynes.com)

- KidMall information architecture**, course project for SI658 (Information Architecture) 2009
- › Developed information architecture for a fictional company and presented in a report and presentation
- Club finance website** 2008
- › Designed and developed a web-based application, using Django, for keeping track of club finances

EXTRACURRICULAR

- Club ultimate frisbee** 2005-present
- › Captain, webmaster, treasurer, and 5th year player on the University of Michigan's club ultimate team