

# John Chilton

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## Education

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- M.S. University of Minnesota**, Computer Science Minneapolis, MN, USA
  - GPA: 4.00/4.00 Sept 2005 – May 2007
- B.S. University of Minnesota**, Computer Science Minneapolis, MN, USA
  - GPA: 3.99/4.00, Graduated with High Distinction Sept 2001 – May 2005
  - Minors: Mathematics and Statistics

## Experience

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- Pennsylvania State University**, Research Associate University Park, PA, USA
  - Software developer on the Galaxy Project Jan 2013 – present
  - popular web-based platform for bioinformatics
- University of Minnesota**, Senior Software Developer Minneapolis, MN, USA
  - Built Web Services infrastructure for UofM-Mayo Clinic collaboration (TROPIX project) Jan 2012 – Jan 2013
  - Developed workflow engine, analytical services, and GWT frontend
  - Deployed OpenStack cloud platform with Puppet infrastructure

## Skills

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- Languages:** Java, Python, Ruby, JavaScript, C, C++, Scheme, Groovy, Bash
- Python Frameworks:** Django, Galaxy, Fabric, libcloud, virtualenv
- Java Frameworks:** Hibernate, JPA, Spring, Spring Security, GWT, Jenkins, CXF, Selenium, TestNG, JUnit
- Ruby Frameworks:** Rails, Puppet, RSpec, Capybara
- Web Technologies:** HTML, CSS, jQuery, jQuery UI, CoffeeScript, Sass
- Databases:** MySQL, PostgreSQL, Oracle, Microsoft SQL Server
- System Administration:** OpenStack, Apache, Tomcat, iptables, nagios, collectl
- Version Control:** Git, Mercurial, Subversion

## Awards

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- Wallin Scholarship** University of Minnesota  
2006
- Lando Scholarship** University of Minnesota  
2005
- Institute of Technology Teaching Assistant of the Year Award** University of Minnesota
  - Awarded to top three IT teaching assistants as voted by students 2005