

# John Chee

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## INTERESTS

San Francisco, California

Programming languages. Understanding abstractions, applying them in practice. Writing simple code.

## PROFESSIONAL EXPERIENCE

### **Word Processor** (Redmond, WA)

Junior Resumé Maker, 2006 - 2007

- Intermingled presentation and content
- Styling was a pain, so either didn't do it or found a half-decent template and didn't mess with it

### **L<sup>A</sup>T<sub>E</sub>X + pdf<sub>l</sub>atex**

Senior Resumé Maker, 2008 - 2010

- Edited verbose L<sup>A</sup>T<sub>E</sub>X documents in a text editor
- Mixed content and presentation to achieve pixel-perfection
- Installed and configured the unusual TeX setups required by the best-looking L<sup>A</sup>T<sub>E</sub>X resumé

### **LinkedIn, StackOverflow Careers, vizualize.me, etc**

Web Resumé Intern, August 2010

- Entered data, adapting to different data models and formatting limitations
- Attempted to customize PDF exports and remove default resumé elements, to no avail

### **Markdown with Pandoc**

Resumé Architect, February 2011 - present

- Write in one format (Markdown), convert to many formats (PDF, HTML, ODT, DOCX, and more)
- Style HTML output with CSS and PDF output with a custom L<sup>A</sup>T<sub>E</sub>X header
- Use a simple pre-processor to define per-format operations on the Markdown input or its parts, such as moving contact information to the top right of the page in both HTML and PDF output.
- Use a text-based resumé when needed in a pinch
- Use version control, including free hosting on Github

## RESEARCH

### **Portland State University, Department of Computer Science** (Portland, Oregon)

Research Assistant: [Project 10-9](#), January 2007 – August 2009

- As a research assistant on [Project 10-9, an Open Voice Bridge](#), I worked on a team to integrate [CMUSphinx](#) with an existing MS Access query tool. 10-9 is primarily developed using Java and Subversion.

### **Portland State University, Department of Computer Science** (Portland, Oregon)

Computer Science Tutor, April – December 2006

- As a computer science tutor, I helped undergraduate students with primary courses including: compilers, data structures, and computational structures. Most questions were about representing data structures in C++ and functional programming in Standard ML.

### **Portland State University, Department of Civil Engineering** (Portland, Oregon)

Graduate Research Assistant: [ITS Lab](#), January 2008 – August 2009

- ▶ As a graduate research assistant, I classified and discovered data gaps, automated daily discovery of erroneous readings, and began work on a time dependent view of overall transit system health. I primarily used PHP, SQL, and Haskell to discover and present the information.

**Portland State University, Department of Civil Engineering** (Portland, Oregon)

Undergraduate Research Assistant: [ITS Lab](#), November 2006 – December 2008

- ▶ As an undergraduate research assistant on the [Portland Oregon Regional Transportation Archive Listing \(PORTAL\)](#) project, I created a web application displaying archived public transit system data on a Google map. I also helped process, aggregate, and query traffic data.

## EDUCATION

**Portland State University**, Portland Oregon

M.S. in Computer Science, GPA: 3.78, June 2009

**Portland State University**, Portland Oregon

B.S. in Computer Science; Minor: Mathematics, *Cum Laude*, March 2008

**Portland Community College**, Portland Oregon

A.S., June 2004

## PUBLISHED PROCEEDINGS

Berkow, M., Chee, J., Bertini, R.L., and Monsere, C., "Transit Performance Measurement and Arterial Travel Time Estimation Using Archived AVL Data," Compendium of Technical Papers, Institute of Transportation Engineers, District 6 Annual Meeting, Portland, Oregon, July 15 – 18, 2007.

## PROFESSIONAL ACTIVITIES

### Professional Memberships

[Association for Computing Machinery](#), 2006 – 2008

### Conferences & Gatherings Attended

[BayHac](#), [Bay Area Haskell Hackathon](#), 2011 – 2014

[Haskell Hackers at the Hacker Dojo](#), 2012 – 2014

International Conference on Functional Programming, 2013

Bay Area Haskell Users Group, 2011 – 2012

Commercial Users of Functional Programming, 2010

## AWARDS

President's List, Portland State University, Winter 2007 – Summer 2007

Dean's List, Portland State University, Spring 2006 – Fall 2006

## SERVICE

### Professional Service

Treasurer, ACM Student Chapter, Portland State University, April 2006 – March 2008

## **Community Service**

Classroom Assistant: ESL, Sunset Presbyterian Church, April 2004 – April 2006

Elementary Sunday School Teacher, New Community Baptist Church, May 2013 – present

## **LANGUAGES**

Haskell, bash, Python

## **TOOLS**

vim, git, bash, linux

Last updated: August 7, 2014

<http://web.cecs.pdx.edu/~chee/cv.pdf>