

# John Alfred Nathanael Chee

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## INTERESTS

Understanding abstractions, applying them in practice. Writing simple and robust code.

## EXPERIENCE

### Recent Pursuits (Redwood City, California)

Pre-medical student, August 2017 – August 2023

- ▶ Pursued a medical career path by completing pre-medical coursework at Cañada College and UC Berkeley (2017-2019), gaining hands-on experience through patient coaching at RealOptions Obria Medical Clinics (2019-2021), and actively applying to various medical education programs.
- ▶ Pivoted back into technology, recognizing my passion and strengths in the sector.

### Snowflake (San Mateo, California)

Software Engineer, April 2016 – August 2017

- ▶ Working with the Automation & Tools team at Snowflake I initiated adoption of reproducible, versionable, code reviewable Jenkins job descriptions with the [Job DSL plugin](#).
- ▶ Conducted the automated build and test of the main Snowflake products: database, user interface, and database drivers for both Windows and Unix-like operating systems.
- ▶ Secured & isolated Jenkins using its off the shelf LDAP security integration and an in-house [Vault](#)-inspired authentication tool.
- ▶ Managed & advised OSS teams transitioning from Subversion & Jenkins to Github & Travis CI.
- ▶ Left Snowflake to pursue medical career path.

### Twitter (San Francisco, California)

Software Engineer, January 2013 – March 2016

- ▶ Implemented version control related features in [Pants](#), Twitter's monolithic repository build system during my time with Developer Productivity.
- ▶ Contributed to [TSAR](#), an Apache Spark-like, Time Series AggregatoR, and its dependent probabilistic data structures project, [Algebird](#) during my time with Platform Intelligence.
- ▶ Co-architected a data warehouse to store per service CPU and RAM usage, and user and service identification enabling [chargeback](#). I also built its elegantly simple ETL system.

### MyLife (Mountain View, California)

Software Engineer, May 2010 – January 2013

- ▶ Improved publication turnaround from monthly to 10 minutes of our primary data product.
- ▶ Implemented a JSON-sensitive diff to immensely simplify data quality checking.
- ▶ Combined QuickCheck and siege to characterize whole system performance.

## EDUCATION

### Portland State University, Portland, Oregon

M.S. in Computer Science; Advisor: [Bart Massey](#), GPA: 3.78, June 2009

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

## SKILLS

**Languages** – Haskell, bash, SQL, Python

**Tools** – vim, git, linux

Last updated: September 21, 2024

<https://github.com/cheecheeo/resume/blob/master/resume.pdf?raw=true>