

# DANVER BRAGANZA

---

San Francisco, CA 94109

+1-415-404-1062; danverbraganza@gmail.com

Citizenship: New Zealand  
Visa status: H1B non-immigrant working visa

## Experience

---

### **Software Engineer**

Hipmunk Inc.

*April 2015—Current*

- Revamped and unified A/B testing framework across multiple platforms, enabling self-serve A/B testing without the need for deploys.
- Working on a feature that ingests and provides an API to around 100 GBs of daily updated travel pricing information.

### **Software Engineer**

Blend Labs Inc.

*April 2014—April 2015*

- Improved performance and stability of mission-critical data ingestion and matching pipeline, turning a job that required supervision over an entire weekend into a 4 hour job usually completed by Friday night.
- Improved the encapsulation of the Blend workflow system. Added multiple workflows within one deployment. Simplified setting up new workflows. Incrementally added unit tests, and refactored modules.

### **Software Engineer**

Google Inc.

*June 2012—April 2014*

- Maintained YouTube's Creator Growth system for tracking and growing over 8 million partners. Led that system through a sunset. Helped design, build and maintain a successor system that leveraged Salesforce's CRM to add more features. Received a Spot Bonus award for this effort.
- As a 20% effort, implemented an automated periodic report that provides international offices with local leads for YouTube's Partnership program. Received a Peer Bonus for this effort.

### **Software Engineer**

Quid Inc.

*October 2011—June 2012*

- Developed a highly scalable, distributed system for high-volume web scraping and processing of semi-structured data. Supervised an intern who was developing a data verification and migration framework. Led a successful migration of the data. Supervised an expansion of the services scraped.

### **Teaching and Research Assistantships**

Department of Computer Science, University of Auckland

*2007-2012*

- Various teaching positions and research projects.

## Education

---

### **The University of Auckland**

Auckland, New Zealand

*M.E. in Software Engineering*

- Thesis topic: Data Integration Between Heterogeneous Data Systems
- Graduated May 2013

### **The University of Auckland**

Auckland, New Zealand

*B.E.(Hons.) in Software Engineering with First Class Honours*

- GPA: 8.03 (overall), 8.8 (Software major) (out of 9)
- Achieved score of 1550 in the GRE (99.98 percentile)
- Achieved score of 840 in the GRE Computer Science Subject test (92 percentile)
- Electives: Advanced Databases and Formal Methods, Advanced Software Engineering Development, Artificial Intelligence, Algorithmics

## Achievements and Awards

---

- Received Spot Bonus and Peer Bonus at Google in 2013
- Awarded Research Studentship at the University of Auckland over the summers of 2007/2008, 2008/2009 and 2009/2010
- Nominated to the University of Auckland Engineering Dean's Honours List in 2007, 2008 and 2009 (top 5% students)
- Awarded Senior Prize in Software Engineering in 2007, 2008 and 2009
- Winner of the *New Zealand Institute of Mathematics and its Applications' Algorithm Song Challenge*, 2009

## Activities

---

- Served as Treasurer of the New Zealand Python User Group (a national incorporated society for the promotion of the Python programming language) 2009-2011
- Member of the creative writing team of the "Revue for Engineering Faculty Students" in 2008, 2009 and 2010. Was on the executive committee in 2008. Acted, danced and sang in 2008, 2009 and 2010
- Represented University of Auckland in the New Zealand Programming Contest in 2009 and 2008
- Participated in the Spark Entrepreneurship and Social Entrepreneurship Challenges in 2008 and 2009

## Skills

---

### **Computer Languages**

- Proficient in Python, Go, JavaScript, Java,  $\text{\LaTeX}$ , shell scripting
- Familiar with HTML, CSS, Ruby, C#, SQL, Tcl, C, MATLAB, BASIC, Lisp

### **Software Development Tools and Methodologies**

- Proficient in git, Mercurial, Perforce and SVN
- Proponent of test-driven design and development, and accustomed to Agile.

### **Other**

- Experienced in delivering technical interviews
- Proficient public speaker
- Can play the guitar, bass guitar and sing. Accustomed to performing in front of audiences