

GRANT BAKKER

grant@bakker.pw
415-910-4663
bakker.pw/about

6A Godeus Street
San Francisco, California
94110

Projects

- **BRAMQP**
github.com/bakkerthehacker/bramqp
 - AMQP client for Node.js
 - Dynamically loaded specification allows access to all AMQP methods

Work Experience

- Software Developer, Spam Team, **Yelp Inc.**
August 2014-December 2014, San Francisco, California
 - Developed new template Spam detection using Nilsimsa hashes
 - Optimized fuzzy hash lookup with partially matching bloom filters
 - Implemented Kafka tailer to upsert messages into Amazon RDS instance
- Software Developer, **Arista Networks Inc.**
January 2014-April 2014, Santa Clara, California
 - Improved and developed new features for power controllers used in high performance switches
 - Added a range of tests and simulations for new features and existing code
 - Gained experience with attribute-oriented programming and test driven development
- Software Developer, **Magnet Forensics Inc.**
May 2013-August 2013, Waterloo, Ontario
 - Developed new forensic features in C# as part of a dynamic startup team
 - Created new server product from scratch in Javascript using Node.js
 - Gained experience with asynchronous, event-driven programming
 - Updated and contributed to open source AMQP library
- Software Display Driver Developer, **AMD Inc.**
September 2012-December 2012, Markham, Ontario
 - Worked on updating and improving the AMD graphics driver
 - Developed cross-platform kernel level code for abstracting displays
 - Gained experience with Windows kernel debugging and large scale development cycles

Education

- University of Waterloo, Electrical Engineering
Graduated with a BAsC in June 2015
 - Dean's Honour List with Distinction