

# Kevin Jordan Wong

Building software for the good guys.

## Work Experience

### facebook

#### Facebook Inc.

Software Engineer Intern  
Menlo Park, CA, USA  
Jan '15 – May '15

- Designed and developed an internal tool using proprietary VPN infrastructure to completely simulate the end to end experience of an Internet.org user as an employee
- Built the entire user interface for an initiative with the Connectivity Labs team that will support new networks in emerging markets
- Technologies used: Java (Android), PHP, HTML/CSS, Mercurial*



#### A9.com,

#### (an Amazon subsidiary)

Software Engineer Intern  
Palo Alto, CA, USA  
Apr '14 – Aug '14

- Analyzed the performance of edge-case queries within Amazon's machine learned ranking models to identify areas of potential optimizations
- Developed language and data processing modules to create new model training features that optimized the ranking performance of edge-case queries by 4%
- Technologies used: Python, Hadoop, Pig, Vim, Git, UNIX*



#### Tangam Systems Inc.

Software Developer Intern  
Waterloo, ON  
Sep '13 – Dec '13

- Reduced the run time of a statistical database analysis application from 7 hours to 2 hours (72%) by implementing a data caching algorithm in C#
- Resolved 3 high-impact critical bugs in the front-end web interface of the company's flagship product
- Technologies used: C#, SQL, JavaScript, TortoiseSVN*



#### BBM Canada

Software Developer Intern  
Toronto, ON  
Jan '13 – Apr '13

- Designed and implemented a fully functional MVC-structured internal website for analysts to access and manipulate data in distributed SQL databases
- Technologies used: C#, SQL, JavaScript, HTML, CSS*

## Personal Projects

#### Recyclr

Hack The North Hackathon  
Sep '14 | Waterloo, ON  
[\[GitHub Link\]](#)

- Developed an Android application that scans a UPC barcode and informs the user if the packaging is recyclable
- Used an Amazon RDS database to store the necessary data on recyclable products for the app to query

#### Trending Music Widget

A9 Intern Hackathon  
Jul '14 | Palo Alto, CA

- Processed a live stream of Twitter data to filter out, determine and display the world's top trending songs in a clean JavaScript widget
- Ranked songs with a custom popularity/time-decay algorithm

#### UW Student Hub

PennApps Hackathon  
Feb '14 | Philadelphia, PA  
[\[GitHub Link\]](#)

- Developed algorithms to automatically mine personalized student data from uWaterloo's affiliate websites
- Designed a website deploying these algorithms to aggregate all of a student's data in one convenient place

## Contact

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## Software Skills

Java	4 years
Python	2 years
SQL	3 years
C#	3 years
PHP	1 year
C/C++	1 year

UNIX and Windows development experience

Experience with version control systems such as Git, Mercurial and TortoiseSVN

## Education

### University of Waterloo

GPA: 3.7  
Sept '11 – present

Candidate for:

BASc, Computer Engineering,  
Management Science Option

Relevant Waterloo courses:

95%: Algorithms and Data Structures

95%: Compilers

93%: Programming Fundamentals

88%: Digital Computers

80%: Operating Systems

### Massively Open Online Courses,

Via Udacity.com and Coursera.org  
- Machine Learning

- Intro to Hadoop and MapReduce

- Cryptography

- Interactive Programming in Python

[\[GitHub link to Python games\]](#)

## Activities/Interests

### Sigma Chi Fraternity

President, May '15 – May '16

Vice President, May '13 – May '14

Recruitment Chairman, Sep '12

Waterloo, ON

### Dynamic Trinity Academy

Taekwondo Instructor

Toronto, ON, Apr '12 – present