

# 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

Sep '15 – Dec '15

- Designed and developed an internal tool using proprietary VPN infrastructure to completely simulate the end to end experience of an Internet.org user
- Built the entire end-to-end web user interface for version 1.0 of Internet.org's [Express Wifi](#) initiative
- Implemented new picture-based Newsfeed stories on Android to replace maps for check-ins made at restaurants and cities
- Teams: Internet.org (Jan – May '15), Local Sharing (Sep – Dec '15)*
- 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, Canada

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, Canada

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

### Groupr

May '15 – Aug '15

Waterloo, ON

[\[GitHub Link\]](#) | [Demo](#)

- Developed an Android app that allows users to create events, add friends, and track everybody's real-time locations as they travel to the event
- Used Google Cloud Platform for notifications and cloud storage, and Google Maps API for location data

### Recyclr

Hack The North Hackathon  
Sep '14 | Waterloo, ON

[\[GitHub Link\]](#)

- Developed an Android app 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

### 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

Mobile development experience in Android and Mobile Web

UNIX and Windows development experience

Experience with version control systems: Git, Mercurial & SVN

## Education

### University of Waterloo

BASc, Computer Engineering,

Management Science Option

Completed Apr '16

Cumulative GPA: 3.7

Relevant Waterloo courses:

95%: *Algorithms & Data Structures*

95%: *Compilers*

91%: *Algorithm Design & Analysis*

87%: *Co-op & Adaptive Algorithms*

83%: *Software Testing*

83%: *Software Design & Architecture*

### Massively Open Online Courses,

Via Udacity.com & Coursera.org

- *Machine Learning*

- *Intro to Hadoop and MapReduce*

- *Cryptography*

- *Interactive Python Programming*

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

## 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