

Kevin Jordan Wong

Software Engineer | San Francisco, CA

Work Experience



Instagram

Software Engineer
San Francisco, CA, USA
Sep '16 – present

- Built and launched the ability for users to share posts containing multiple photos and videos in a single feed unit.
- Implemented [Stories Archive](#), a private surface for you to look back on stories you have posted in the past.
- Developed [Story Highlights](#), which are collections of your past stories you have chosen to permanently showcase on your profile.
- Was the tech lead on a project that [redesigned the Profile page](#) to be more scalable and useful for our users.
- Built and launched [Reels](#), which is a feature that provides a new set of video editing tools to Instagram Stories.
- Refactored a large part of the Instagram Android codebase to be more modular and reduce build times for other engineers.
- *Technologies used: Java (Android), Python (Django)*

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.
- *Technologies used: Java (Android), PHP, HTML/CSS, Mercurial*



A9.com,

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*

Contact

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Software Skills

Java	6 years
Python	3 years
SQL	3 years
PHP	1 year
C/C++	1 year

Mobile development experience in Android and Mobile Web

UNIX and Windows development experience

Education

University of Waterloo

BASc, Computer Engineering,
Management Science Option
Completed Apr '16

Cumulative GPA: 3.7

Relevant Waterloo courses:
Algorithms & Data Structures
Compilers
Co-op & Adaptive Algorithms
Software Testing
Software Design & Architecture

Activities/Interests

Sigma Chi Fraternity

President, May '15 – May '16
Vice President, May '13 – May '14
Recruitment Chairman, Sep '12
Waterloo, ON

Personal Projects

Grouppr [GitHub]

Android app allowing users to create events, add friends, and track real-time locations as attendees travel to the event.

UW Student Hub [GitHub]

Website for students that aggregated all their class data from multiple sources into one convenient location.