

# Abe Wheeler

## Software Engineer

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## Education

National Merit Scholar, 35 ACT

University of Southern California Cumulative GPA: 3.64

Los Angeles, CA

*B.S. Computer Science - Viterbi School of Engineering*

August 2015 – December 2017

- Dean's List Fall 2015, Fall 2016, Spring 2017

University of Washington Cumulative GPA: 3.64

Seattle, WA

*Computer Science*

September 2013 – June 2015

- Annual Dean's List 2014-2015 school year
- Superior Scholar Athlete Award recipient – UW club water polo

### Significant Coursework

- |  |     |  |     |
|--|-----|--|-----|
| – UW CSE190 "Current Topics CSE" (Python)    | 4.0 | – USC CSCI104 "Data Structures and O.O. Design":       | 4.0 |
| – UW CSE373 "Data Structures and Algorithms" | 4.0 | – USC CSCI201 "Principles of Software Development"     | 4.0 |
| – UW CSE415 "Artificial Intelligence"        | 3.9 | – USC CSCI430 "Intro to Computer and Network Security" | 4.0 |

## Experience

Bloomberg L.P.

New York City, NY

*Software Engineering Intern – Equities and Derivatives*

June 2017 – August 2017

- Implemented various features and bug fixes within the options backtesting function of the Bloomberg Terminal.
- Developed highly visible front/backend functionality hit thousands of times daily.
- Integrated Javascript and C++ code into a large, safety critical software architecture.
- Expanded knowledge of finance significantly via offered classes. Bloomberg Market Concepts (BMC) certified.

Valassis Digital

Seattle, WA

*Software Engineering Intern*

June 2016 – August 2016

- Designed, documented, and implemented an SDK providing convenient access to the Valassis Mobile Offers API.
- Acquired professional mobile development skills with Java and Objective-C using Android Studio and Xcode.
- Experienced professional software development on a team utilizing a structured agile methodology.
- Participated in daily stand-ups with an international team coordinated through Slack and Rally.

Experian

Costa Mesa, CA

*Software Development Intern – Experian Decision Analytics*

July 2015 – August 2015

- Wrote Java business logic code and bash shell scripts to assist the Decision Analytics team of Experian.
- Acquired first professional exposure to essential software development tools like Unix, Vim, and Git.
- Introduced to the corporate software development process within a professional team environment.
- Worked with a project team spread across multiple geographies, leveraging collaborative tools and techniques.

## Technical Skills

### Languages

### Use case

- |              |                          |               |            |
|--------------|--------------------------|---------------|------------|
| – C++        | 1 year USC, Bloomberg    | – C           | ½ year USC |
| – Java       | 4 years USC/UW, Valassis | – Python      | ½ year UW  |
| – Javascript | ½ year UW, Bloomberg     | – Objective-C | Valassis   |

### Tools and Technologies

- |  |                              |       |                              |
|--|------------------------------|-------|------------------------------|
| – Unix   | 2 years USC, All internships | – Vim | 2 years USC, All internships |
| – Git  | 2 years USC, All internships | – SQL | 1 year UW/USC                |
| – IDEs: Eclipse, Android Studio, XCode, Sublime Text, Pycharm, Visual Studio |                              |       |                              |

## Activities

Joint Education Project

Los Angeles, CA

*Volunteer*

Jan 2016 – Present

- Create basic Computer Science lesson plans for children.
- Teach a weekly class at a local elementary school.

Phi Kappa Psi

Los Angeles, CA

*Parent's Club/Alumni Chair*

Jan 2016 – Present

- Plan parents/alumni events with the active chapter, act as liaison between alumni and parents club.
- Participate in regular philanthropic events for a variety of charitable causes.

## About

- Hobbies and Interests: fitness, surfing, skiing, water polo, cooking. Climbed to 49 of the 50 state highest points.