

# ASHLEY YIU

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## Education



Washington, D.C.

Bachelor of Science: **Computer Science**

Minor: **Business Administration**

Major GPA: **3.9**

Expected Graduation: **May 2018**

Relevant Coursework: **Data Mining, iOS + Android App**

**Development, Algorithms, Programming Languages,**

**Mathematics Statistics**

Study Abroad: **Freie University** | Spring 2017 | Berlin, Germany

High School: **Deerfield Academy** | Deerfield, MA

## Leadership Experience

### DIRECTOR OF TECHNOLOGY

**The Hoya** | Washington, D.C. | Sept 2014-May 2016

- Maintained the school newspaper's server, website and in-office hardware. Decreased website load time significantly by cleaning up back-end database.
- Created and developed The Hoya's 95th anniversary marketing website to raise awareness and drive sales of 200+ gala tickets.
- Launched the alumni WordPress website to help past staff members remain connected, donate to the organization, and advise current staff.
- Worked closely with the team to assign and oversee projects, including an email subscription scheme that increased online subscribers by over 500.

## Personal/Interests

Hometown: **Hong Kong**

Interests: **Running** (latest race: C&O Canal Marathon), **World Travel**, **Outdoor Activities**, **Photography & Videography**

Clubs: **Hong Kong Student Association** (Senior Advisor), **Club Singapore** (Director of Marketing), **Club Triathlon**, **EcoAction**, **Asian American Student Alliance**

## Languages

Coding Languages: **Python, Java, Swift, React Native, JavaScript, C++, LISP, HTML, CSS**

Languages: **Mandarin, Cantonese, German** (Conversational)

## Work Experience

### SOFTWARE ENGINEERING INTERN

**Appian Corporation** | Reston, VA | May-August 2017

- Designed and developed new mobile application components in React Native
- Learned team based iterative development using Agile methodology in a two-week sprint cycle
- Performed code reviews and delivered demos to provide critical feedback for full time employees
- Utilized pair programming approach to ensure high quality code

### SOFTWARE PROGRAMMING INTERN

**Fox International Channels** | Singapore | June-July 2015

- Developed a Java program that automatically mass edited and produced hundreds of preview images for sports leagues necessary to promote games.
- Researched, created and executed a test plan for the new Fox Sports mobile application.

### WEBSITE DEVELOPER, DATA ANALYTICS & MARKETING INTERN

**Alchemista** | [www.alchemista.com](http://www.alchemista.com) | Boston, MA | May 2016-Oct 2016

- Transformed previously archaic website into a dynamic and interactive platform to effectively drive brand awareness. Increased page view traffic by 27%.
- Utilized analytical results to improve email campaign strategy. Attracted multiple new clients by designing and custom coding engaging weekly email campaigns for special promotional events.

## Programming Projects

### APPIAN INTERN HACKATHON: LGTM | Aug 2017

Implemented a new front-end mobile and web component to analyze sentiments and extract topic models for customer reviews using open source software

### SIXHACKATHON (ZURICH): SHOP SQUAD | Mar 2017

Produced an Android app, integrating Facebook and Microsoft APIs, to help increase customer loyalty and brand awareness. Designed app to fetch real-time information from heroku database.

### HOYA HACKS: TWITTER WEB SCRAPING | Nov 2016

Developed a web app that reports live geolocation-based news and sentiments using Google Maps and Twitter APIs. Competed in social innovation category at Georgetown's annual hackathon.

### DATA MINING: BNP INSURANCE CLAIMS | May 2015

Created a machine learning system to analyze BNP's open-source insurance data. Results were submitted for a Kaggle competition.