

# WILTON WU

2010 Channing Way Apt. 3 ◊ Berkeley, CA 94704

wiltonwu@berkeley.edu ◊ (804) 325-7060

## EDUCATION

---

### University of California, Berkeley

Berkeley, CA

Bachelor of Science (B.S.), Electrical Engineering and Computer Science

May 2018

<b>Relevant Coursework</b>	Artificial Intelligence, Machine Learning In Education, Databases, Data Science, Probability Natural Language Processing, Neural Networks, Operating Systems, Networking, Security
<b>Technical Skills</b>	Python, Java, R, SQL, Swift, C/C++, HTML/CSS, JavaScript, Go, $\text{\LaTeX}$ TensorFlow, NumPy, Pandas, SciPy, Spring, Unix/Linux, Git, Spark, Hadoop, Hive

## TEACHING EXPERIENCE

---

### Foundations of Data Science (Data 8X), UC Berkeley & EdX

Berkeley, CA

Head Student Instructor, Prof. Adhikari, Prof. DeNero, & Prof. Wagner

Spring 2018, Summer 2018

- Created content, developed technical infrastructure, and organized logistics for three online courses
- Incorporated into a professional certificate program in Data Science with a total enrollment of 100,000 students

### Foundations of Data Science (Data 8), UC Berkeley

Berkeley, CA

Undergraduate Student Instructor, Prof. Adhikari & Prof. DeNero

Fall 2016, Spring 2017, Fall 2017

- Introduced students to the basics of computer science and analyzing data, such as computer programming, statistical inference, and machine learning

## RESEARCH & WORK EXPERIENCE

---

### Amazon

New York, NY

Software Development Engineering Intern, Personalization

May 2017 — August 2017

- Developed internal personalization tool used to curate fashion assortments at scale
- Tuned natural language processing models for automatic description generation of new fashion products
- Contributed to personalization services for fashion assortments

### Major League Baseball

San Francisco, CA

Software Engineer, Sports Data

May 2016 — May 2018

- Developed backend architecture to support an advanced baseball tracking system called Statcast
- Created natural language processing bot to generate pre-game baseball headlines based on Statcast data
- Built API to access Statcast data; over 1,000 terabytes of generated data per season used in internal applications

### UC Berkeley EECS Department & School of Information

Berkeley, CA

Undergraduate Researcher, Prof. Pados & Prof. Culler

August 2017 — June 2018

- Modeled knowledge tracing through deep learning techniques for large-scale data science courses
- Examined scaling of data science education tools like Jupyterhub, Jupyter notebooks, and okpy autograding
- Incorporated free-form student code progression into Deep Knowledge Tracing (accepted to AIED 2018)

### Microsoft

Redmond, WA

Project Manager (Contract), Technology and Corporate Responsibility

January 2017 — May 2017

- Lead team of consultants to identify strategies and solutions for accessibility technology
- Analyzed open source projects and internal software to improve the accessibility of Microsoft products

### Valley Consulting Group

Berkeley, CA

Co-Founder & Senior Advisor

January 2016 — Present

- Started consulting group dedicated to technology projects related to cloud, machine learning, and education
- Worked with companies such as Google, Microsoft, Nvidia, Airbnb, LinkedIn, Dropbox, and Square