WILTON WU

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

EDUCATION

University of California, Berkeley — Berkeley, CA
Bachelor of Science (B.S.), Electrical Engineering and Computer Science (GPA: 3.5) — *May 2018*

Relevant Coursework	Algorithms, Data Structures, Artificial Intelligence, Machine Learning, Databases, Data Science Natural Language Processing, Neural Networks, Operating Systems, Networking, Security
Technical Skills	Python, Java, R, SQL, Swift, C/C++, HTML/CSS, JavaScript, Go, LaTeX TensorFlow, NumPy, Pandas, SciPy, Spring, Unix/Linux, Git, Spark, Hadoop, Hive

WORK & RESEARCH EXPERIENCE

Amazon — New York, NY
Software Development Engineer, Personalization and Shopping Experience — *August 2018 — Present*
- Implementing personalized shopping experience on Amazon Detail Pages; DPX legacy Java technology stack
- Created selenium testing suite for Amazon/Shopbop Fashion Product Detail Page that is visited 75,000 times a day
- Developed tool to automatically curate fashion assortments, reduced manual process by hours (2017 internship)

Major League Baseball — San Francisco, CA
Software Engineer, Sports Data — *May 2016 — May 2018*
- Built API to access Statcast baseball data; developed 20 endpoints accessed every minute by clients like MLB.tv, MLB at Bat, mlb.com, 30+ sports broadcasters, and 20+ universities; 17 petabytes of data generated per season
- Led launch of v1 NLP bot for pre-game baseball headlines based on Statcast data, used in the 2017 MLB season

UC Berkeley EECS Department & School of Information — Berkeley, CA
Undergraduate Researcher, Prof. Pardos & Prof. Culler — *August 2017 — June 2018*
- Published paper to AIED 2018 that incorporated free-form student code progression to Deep Knowledge Tracing
- Improved scaling of education tools (Jupyterhub, okPy) used by 1000+ students at UC Berkeley every semester

Microsoft — Redmond, WA
Project Manager (Contract), Technology and Corporate Responsibility — *January 2017 — May 2017*
- Lead team of five consultants to analyze open source projects and internal software to improve the accessibility of Microsoft products; presented findings and recommendations to Senior Directors at Microsoft

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

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 Jupyterhub infrastructure, and organized logistics for three MOOC courses on EdX
- Incorporated into a professional certificate program in Data Science with a total enrollment of over 70,000 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; led weekly section and contributed Jupyterhub and okPy infrastructure