

Hao (Holly) Wu

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420 Temple Street, New Haven, CT 06511

EDUCATION

Yale University, New Haven, Connecticut *Expected May 2019*
Master of Science in Computer Science, Graduate School of Arts and Sciences

Vassar College, Poughkeepsie, New York *May 2017*
Bachelor of Arts in Computer Science; Economics and Mathematics Minors
Graduated with General Honor (Top 20%), GPA: 3.81/4.00
Coursework: Compilers, Artificial Intelligence, Computer Organization, Computer Science III (Data Structures, Software Design and Implementation), Algorithm, Probability and Statistics, Linear Algebra, Calculus, Econometrics

Aquincum Institute of Technology, Budapest, Hungary *July 2016*
Summer Program; independently developed an Android app, MyWalkPet (github.com/hwhollywu/MyWalkPet)

SKILLS

Programming Languages: Java, C++, Python, MATLAB, Haskell, Lisp, Scheme, Racket

Tools: Maven, Git, Spring Boot, MyBatis, UNIX, IntelliJ, Android Studio

Statistical Analysis: R, SQL, Stata, Excel

Graphic Design Software: Adobe Photoshop, InDesign, Premiere, Final Cut Pro, Autodesk Maya

Languages: Full proficiency in English and Mandarin

EXPERIENCE

Java Software Engineer Intern, Umeng, Alibaba, Beijing *April 2018 - Aug 2018*
Developed and launched a data visualization web of mobile analytics, Umeng Compass (compass.umeng.com)
Middle-end engineered multiple projects using Java Web tools and Spring framework, including an access control feature to Open API, and a web platform for SDK updates; managed projects across teams

Google igniteCS Program Student Leader, Google at Vassar College *Feb 2017 - May 2017*
Initiated a local mentorship program on Robotics for 9 college mentors and 15 high schoolers;
Collaboratively trained students on interactive Arduino projects and organized local hackathons

Computer Science Student Coach, Computer Science Department, Vassar College *Sept 2015 - May 2017*
Facilitated classes and assisted students individually with 20 programming assignments during office hours
Relevant Coursework: Intro to CS(using Racket, Scheme), Computer Organization(using C, Assembly languages)

Director of Water Initiative, Vassar Haiti Project *Sept 2015 - May 2017*
Organized weekly initiative meetings for 10+ members and multiple on-campus fundraising events;
Traveled to Haiti with 12 students; conducted social inquiries and environmental research with Haitians;
Maintained the organization website, blog and social media; designed posters for 4 art sales

AWARDS

Best Data Visualization, DataFest 2017 @ Vassar *April 2017*
Applied data wrangling methodologies, machine learning, 3 statistical models and visualization strategies to datasets; Developed a data science project in team of 5

2016 Grace Hopper Scholar, Anita Borg Institute *October 2016*
Received the merit-based grant to attend the 2016 Grace Hopper Celebration, the world's largest technical conference for women in computing, in Houston, TX.

Best Data Analysis, DataFest 2016 @ Vassar *April 2016*
Cooperatively analyzed datasets from Ticketmaster.com and designed a price optimization strategy by using logistic regression and data visualization in R

Most Helpful Hack, CommunityHack *February 2016*
Self-taught front-end frameworks and developed a Chrome extension project, a new tab that contains useful links and opportunities for Vassar students