

## ELIZABETH HAU

632 Massachusetts Ave, Apt 309, Cambridge, MA, 02139  
(508) 897-9697 | ehau@mit.edu

### EDUCATION

---

#### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, MA

Leaders for Global Operations Fellow

2020 - Present

*Candidate for MBA, MIT Sloan School of Management, May 2022*

*Candidate for SM in Electrical Engineering and Computer Science, MIT School of Engineering, May 2021*

- LGO Internship Committee Content and Company Liaison Co-Chair; member of LGO Alumni Committee, LGO New Student Recruiting and Marketing Committee
- Academic Interests: artificial intelligence and machine learning

#### WELLESLEY COLLEGE

Wellesley, MA

*BA in Computer Science with Minor in Mathematics*

2012 - 2016

- Cumulative GPA: 3.76/4.0; Major GPA: 3.91/4.0; Magna cum Laude
- First Place - Boston Algorithm Festival (2016)
- Built a program to automate the Wellesley Housing Department's process of sorting 2,000+ students into residence halls for upcoming academic years (previously done by hand)

### EXPERIENCE

---

#### WAYFAIR

Boston, MA

##### *Senior Engineer*

2020

- Led the Engineering Efficiency team in Supply Chain Engineering
- Collaborated cross-functionally to build a door utilization tracking tool for warehouses and integrated it with our receiving scanning app and driver app, piloting and launching utilization tool to all 50+ delivery centers
- Reduced amount of time engineers spend handling criticals by 43% and reduced issue count per 1000 purchase orders by 26% over a three month period by enlisting warehouse ITS team

##### *Software Development Engineer II*

2018 - 2020

- Revamped a critical process in delivery route planning to decrease processing time of routes from 30+ minutes to less than 1 minute, improving warehouse process efficiencies by saving 30+ minutes per warehouse per day across Wayfair's delivery network
- Mentored new teammates and intern resulting in intern returning and team scoring highest among the Last Mile organization in workplace happiness, a survey conducted monthly

##### *Full stack Software Development Engineer*

2016 - 2018

- Implemented and supported 30 day pilot of asset based delivery agents (DA) picking up large parcel returns at Wayfair's Burlington, NJ DA. The pilot proved significant cost savings over third party providers (\$4M annualized when scaled) and resulted in positive customer experience relative to third party providers
- Developed onboarding and mentorship process playbook for Final Mile now used across teams in Transportation (100+ people)

#### AMAZON

Seattle, WA

##### *Software Development Engineer Intern*

2015

- Developed a recommendation service in Java on Amazon Prime Video based on user's recent viewing history, providing context to recommended titles

#### WELLESLEY COLLEGE

Wellesley, MA

##### *Supplemental Instructor, Teaching Assistant & Grader*

2014 - 2016

- Supplemental Instructor - Created worksheets based on material taught in class, led review sessions twice a week, and held office hours for 50+ students taking Combinatorics and Graph Theory
- TA & Grader - Held office hours, facilitated peer-to-peer tutoring, and graded assignments for 50+ students taking Calculus in the Mathematics department and 25 students taking Fundamental Algorithms in the Computer Science department

### ADDITIONAL INFORMATION

---

- Technical Skills: Python, Java, PHP, SQL, JavaScript, HTML, CSS, React, jQuery, R
- Languages: English (Native), Chinese - Mandarin (Native)
- Sports: Tennis (CMITA League Champions 2020); squash; figure skating; rowing (novice & varsity team in college); skiing/ snowboarding