

# Kexin Zhang

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## Education

### Georgia Institute of Technology

B.S. INDUSTRIAL ENGINEERING

Atlanta, GA

Aug. 2015 - Dec. 2018

- Concentration: Operations Research
- Minor: Computing and Intelligence
- Honors: McKinsey Women Leaders in Technology Scholarship (2017), Georgia Tech Faculty Women's Club Scholarship (2016)
- GPA: 3.96 / 4.00

## Experience

### Facebook

DATA ENGINEERING INTERN

Seattle, WA

May 2018 - Aug. 2018

- Implemented and launched data pipelines in Python and Presto to process terabytes of logged data and extract relevant metrics
- Designed and developed detailed dashboard to visualize trends, anomalies, and insights for key stakeholders

### HackGT

DIRECTOR OF TECHNOLOGY

Atlanta, GA

Dec. 2017 - Present

- Leads 20 students to develop technology for organizing hackathons, including registration platform, check-in system, and promotional sites
- Contributes to check-in app (manages data on 1000+ attendees), organization website (receives 2500+ monthly page visits), and other projects
- Organizes events, including HackGT, the largest hackathon in the southeast with 1000+ attendees, and Catalyst, a day of computer science outreach for 200 Metro Atlanta high school students

### Georgia Tech College of Computing

UNDERGRADUATE TEACHING ASSISTANT - CS 2110

Atlanta, GA

Aug. 2017 - May 2018

- Wrote homeworks, led recitations, and assisted students in office hours for CS 2110 (Computer Organization and Programming)
- Planned and taught lessons to aid students in understanding core topics, including digital logic, basic assembly, and C programming
- Wrote script to automate bulk downloads and extractions of homework submissions to increase TA productivity

### Wayfair

BUSINESS INTELLIGENCE INTERN - INFRASTRUCTURE TEAM

Boston, MA

June 2017 - Aug. 2017

- Developed Python module for syncing external Tableau server with updated data for product suppliers
- Wrote Python process for parsing errors and notifying users during SSAS cube partition processing
- Designed and implemented ETL flow for processing internal query performance metrics with Vertica and SQL Server

### Georgia Tech School of Interactive Computing, Social Computing Lab

UNDERGRADUATE RESEARCH ASSISTANT (ADVISED BY DR. ERIC GILBERT AND DR. TANUSHREE MITRA)

Atlanta, GA

Jan 2016 - May 2017

- Wrote Python web scraper for Twitter posts and replies that scraped data on over 20 million posts
- Developed Google Chrome extension with design cues aimed at encouraging reflective news consumption (paper submitted for review)

### Stackfolio

FULL STACK WEB DEVELOPMENT INTERN

Atlanta, GA

May 2016 - Aug. 2016

- Developed core new features, including loan transaction process and detailed banking analytics dashboard, using Django and AWS

## Skills

**Programming** Python, JavaScript, SQL, Java, HTML/CSS, C, R

**Libraries/Databases** D3.js, Flask, Django, Node.js, pandas, scikit-learn, Hive, Presto, Vertica, SQL Server, MongoDB

## Projects

### Analyzing Airbnb vs. Hotels

PROJECT FOR CSE 6242 (DATA AND VISUAL ANALYTICS)

Atlanta, GA

Sept. 2017 - Dec. 2017

- Wrote web crawler using Python and Scrapy to collect reviews, amenities, and prices over time for over 200 hotels in New York City
- Developed interactive D3.js interface with visualizations of differences in price, location, and review sentiment for hotels and Airbnb listings

### Students Consulting for Nonprofit Organizations

VP OF MARKETING, VP OF EXTERNAL AFFAIRS, VP OF INTERNAL AFFAIRS, PROJECT LEAD

Atlanta, GA

Aug. 2015 - Dec. 2017

- Led team of 7 students to develop strategic marketing and campus recruitment plans for Teach for America
- Led marketing and outreach efforts to increase organization membership by 70% and number of projects with nonprofit clients by over 100%