

Kexin Zhang

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Education

Georgia Institute of Technology

Atlanta, GA

B.S. INDUSTRIAL ENGINEERING

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

Seattle, WA

DATA ENGINEERING INTERN

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

Atlanta, GA

DIRECTOR OF TECHNOLOGY

Dec. 2017 - Nov. 2018

- Led 20 students to develop technology for organizing hackathons, including registration platform, check-in system, and promotional sites
- Contributed to check-in app (manages data on 1000+ attendees), organization website (receives 2500+ monthly page visits), and other projects
- Organized 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

Atlanta, GA

UNDERGRADUATE TEACHING ASSISTANT - CS 2110

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

Boston, MA

BUSINESS INTELLIGENCE INTERN - INFRASTRUCTURE TEAM

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

Atlanta, GA

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

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

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

Publications

Bhuiyan, M. M., **Zhang, K.**, Vick, K., Horning, M. A., and Mitra, T. FeedReflect: A Tool for Nudging Users to Assess News Credibility on Twitter. In *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing – CSCW 2018*

Projects

Analyzing Airbnb vs. Hotels

Atlanta, GA

PROJECT FOR CSE 6242 (DATA AND VISUAL ANALYTICS)

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