Tiffany Xiao

GitHub: https://github.com/tiffanyxiao

Email: cdtiffanyxiao@gmail.com
Website: https://tiffanyxiao.com
Phone: 1-646-938-5575

EDUCATION

Smith College   Northampton, MA
Bachelor of Arts - Double Major in Computer Science and Statistical Data Sciences, GPA: 4.0   SEP 2016 – DEC 2019

Honors: Summa Cum Laude (2019), Phi Betta Kappa Honor Society (2019), Mu Sigma Rho Honor Society (2019), Dean's List (2016 – 2019), Undergraduate Statistics Research Project 3rd Place Winner (2019), D.E. Shaw Discovery Fellow (2018), Smith College Hackathon Amazon Web Services Winner (2017), POSSE Foundation Full-Tuition Leadership Scholarship (2016-2020), Bank of America Young Women's Leadership Award (2016)

Relevant Coursework: Capstone in Statistical Data Sciences, Visual Analytics, Communicating with Data, Probability and Statistics, Advanced Programming Techniques, Backend Development

EXPERIENCE

Palantir Technologies   New York, NY
Forward Deployed Software Engineer   DEC 2019 – Present

- Led project to build patient data dashboard for weekly clinical reviews at leading cancer institution by cleaning and aggregating siloed lab and test results from dozens of labs; reduced time spent by researchers searching for data by 80% and accelerated a two-week clinical review process into a 30-minute review session
- Configured full stack of Cassandra, Hadoop, Spark and ElasticSearch based cloud products and data infrastructure on Amazon S3 to reduce data queueing and ingesting times by 75%
- Created laboratory information management system used by 25+ non-technical researchers with Typescript, HTML, CSS and Python; connected data from 10 different labs into one central application
- Built data pipelines to ingest and transform millions of rows of health data using PySpark, SQL and Javascript into a clean format used by 300 research analysts monthly

Forward Deployed Software Engineer Intern   MAY 2019 – AUG 2019

- Implemented cell tower equipment tracking tool for Fortune 500 telephone company with an alerting system that reduced overspending by 20 million dollars in one month
- Managed 15+ weekly customer support issues, feature requests and product bug reports through JIRA

Forward Deployed Software Engineer Intern   MAY 2018 – AUG 2018

- Developed customer tracking data visualizations for large retail businesses, including foot traffic trackers and revenue growth over time by parsing millions of rows of credit card data
- Headed twice-a-week trainings for 10+ bank analysts and portfolio managers at a multinational banking company on analysis and visualization tools

Codecademy   Remote
Codecademy Advisor & Moderator   MAY 2018 – APR 2020

- Supported 100+ students monthly in understanding coding concepts and debugging code
- Mentored 10 students weekly through their computer science learning goals in Java, Javascript, C++ and Python

Smith College   Northampton, MA
Computer Science Teaching Assistant   JAN 2018 – DEC 2019

- Assisted classes of 40+ students by reviewing computer science lessons one-on-one and in small groups during daily office hours
- Fostered a friendly learning community among 200 people of different computer science backgrounds by leading weekly discussions on an online forum and organizing monthly events

Girls Who Code   Brooklyn, NY
Teaching Assistant   MAY 2017 – AUG 2017

- Designed daily lesson plans to teach computer science principles and foundations to a class of 30 high school girls with no prior computer science experience
- Maintained logistics such as tracking attendance, organizing daily activities, and coordinating weekly field trips

SKILLS

- Languages: Python: Pandas, PySpark; Javascript: Typescript; SQL; HTML/CSS; R; Java; Bash
- Technologies: Tableau; Git; Node; React; Spark; ElasticSearch; Cassandra; Hadoop; AWS