

Yiqi Tang

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EDUCATION

North Carolina State University, 2017-2019. Statistics Master's Degree.

Raleigh, NC

Davidson College, 2011-2015. B.S., Economics and Mathematics double major.

Davidson, NC

University of St Andrews, Fall 2013. Junior year study abroad.

St. Andrews, Scotland

EXPERIENCE

Business Analyst, Corporate Development OANDA Corporation, 2015-2017

Davidson, NC

- Built a machine learning model for predicting high value clients with data from the database
- Came up with competitive analysis insights for the company's different lines of business
- Analyzed data to project volume and growth in 2017 for OANDA's trading business
- Manipulated data to answer a variety of business questions
- Built a complete framework for the onboarding of clients to ensure smooth transition from sales to operations, including creating client-facing user manuals and finalizing onboarding procedures

Research Consultant UNCC PhD Candidate in Health Services Research, Fall 2016

Charlotte, NC

- Assisted a PhD Candidate in Health Services Research at University of North Carolina at Charlotte, Dr. Charles Davis, OD, MA, MPH, on the statistical aspects for his dissertation research
- Consulting on statistical model selection, data visualization and experimental design for his research that is expected to be published in a journal article

Research Assistant Davidson College Mathematics Department, Spring 2015

Davidson, NC

- Assisted mathematics professor Dr. Tim Chartier in his research with the National Basketball Association and Dunham's Sports by manipulating and analyzing datasets
- Cleaned up large and complex raw datasets provided by Dunham's Sports
- Built multiple regression models and other mathematical models to find insights in large amounts of data
- Provided our clients, NBA and Dunham's Sports, with answers to their most pressing questions backed up by research and data

Education Initiatives Intern Council for Children's Rights, 2014-2015

Charlotte, NC

- Built an extensive database as well as an interactive online locator for Out-of-School Time (OST) programs
- Analyzed survey responses from SurveyMonkey to assess priorities of OST providers
- Researched OST funding and intermediary organizations in other major U.S. cities

Foreign Exchange Intern CCM Securities LLC a Bluefin Company, Summer 2014

Davidson, NC

- Investigated problems with deliverables for clients, communicating with different Bank of America teams
- Created and managed Excel spreadsheets for daily information reporting to clients
- Netted all 30+ accounts multiple times each day to ensure successful delivery of funds and balanced accounts

Summer Intern Lenovo Global Headquarters, R&T Human Resources, Summer 2012

Beijing, China

- Helped with hiring of Innovation Design Center and User Research Center, reviewing resumes and summarizing strengths and weaknesses of applicants. Hired 15 new employees

LEADERSHIP AND ACTIVITIES

Bonner Scholar Bonner Scholars Program, 2011-2015

Davidson, NC

- Volunteered over 1,400 hours with a variety of community partners, during the school year and summers, bringing about positive change to the community through leadership and service
- Attended weekly discussions on current issues and skill development
- Mentored a Bonner freshman, helping her with all aspects of Bonner and Davidson

Leader and Organizer MegaMenger Project, Fall 2014

Davidson, NC

- Led the Davidson site (one of more than 20) of the MegaMenger project, building a Level 3 Menger Sponge fractal using nearly 50,000 business cards collected from the local community, over a period of a couple months
- Applied to and received grants from various Davidson departments to support the expenses of the project
- Featured in several news publications, including the Huffington Post and Charlotte Observer

TECHNICAL AND LANGUAGE SKILLS

Computer skills: mastered Microsoft Office (Word, Excel, PowerPoint), experience with R, SAS, Stata, Matlab, Java, and Python
Languages: English (fluent), Mandarin Chinese (native)