

Yiqi Tang

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EDUCATION

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

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

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

Raleigh, NC

Davidson, NC

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)