Annie Clark

New York, NY   anne.louise.clark@gmail.com

Education

Columbia Mailman School of Public Health, New York, NY   August 2018 – May 2020
Master of Science, Biostatistics
  - Cumulative GPA: 3.8
  - Chair's Award for Outstanding Master's Student (May 2020)

Stanford Center for Professional Development, Palo Alto, CA   January 2017 - March 2018
  - *Courses: Introduction to Computer Programming (Winter 2017), Data Mining and Analytics (Autumn 2017), Introduction to Applied Statistics (Winter 2018)*
  - Cumulative GPA: 4.0

Duke University, Durham, NC   August 2005 – May 2009
Bachelor of Arts: Statistics; Certificate: Markets and Management
  - Major GPA: 3.5
  - Dean's List with Highest Distinction: Fall 2008; Dean's List: Spring 2008, Fall 2009
  - Duke University Varsity Swim Team Member

Work Experience

Columbia University, New York, NY   January 2019 – May 2020
Research Assistant, Department of Biostatistics, Mailman School of Public Health
- Used R to analyze the casual relationship between dieting and weight gain in adolescents in the longitudinal study, Project EAT
- Conducted publication review on effective ways to utilizing propensity scores in the presence of missing data
- Assisted in the preparation of manuscripts to be published in peer-reviewed journals

Acumen, LLC, Burlingame, CA   June 2019 – September 2019
Statistical Programmer Intern
- Learned SAS programming in a 3-week training program at the commencement of internship
- Conducted an audit on Medicare Part D Direct and Indirect Remuneration (DIR)
- Used regression to analyze which methodologies were the most effective in identifying incorrect and/or missing payments

Google, Inc, Mountain View, CA/Sunnyvale, CA   October 2013 - August 2018
Program Manager, Hardware Operations   November 2016 - August 2018
- Developed and deployed a Total Cost of Ownership statistical model for data center operations
  - Designed costing models and led implementation of backend data infrastructure
- Led complex SQL-based analytics project to optimize the deployment of fiber cables in data centers
Program Manager, Google Express   January 2016 - November 2016
- Managed expansion efforts that increased U.S. product coverage from 25% to 100% in 9 months
  - Managed eight successful expansion product launches and five successful beta launches
- Developed operations requirements for the integration of a project management tool and prioritized operations feature requests with engineering
Policy Strategist, Adwords   October 2013 - January 2016
- Led Adwords policy data analytics (SQL), provided organizational leadership with a data driven framework to make decisions
- Designed and deployed critical internal tool changes for a major global policy redesign in AdWords
- Developed new AdWords policies partnering with cross-functional stakeholders

PricewaterhouseCoopers, LLP, New York, NY   August 2009 - October 2013
Forensics Technology Senior Associate, Advisory Services
- Performed complex analyses on large health insurance data to provide corporate clients and their legal representatives' time sensitive solutions to business disputes, regulatory issues and investigative litigation matters.
    - Utilized SQL and PL/SQL in the Oracle database environment to perform complex analyses on large relational datasets to understand relationships between member and provider insurance claims data
    - Learned the intricacies and details of the health insurance data system
    - Supervised junior staff members by monitoring their work streams, delegating tasks, offering technical support
- Project managed Information Records Management during M&A activities
- Completed a six-month Tour of Duty as the HR Demand Manager for the Forensics Technology Solutions Team nationally
    - Responsible for the deployment/resource management for 110 employees, capacity and headcount planning, employee schedules/utilization monitoring and forecasting

Duke University, Durham, NC
Research Assistant, Office of Assessment   March 2007 - May 2009
- Conducted institutional research and analysis of Duke's undergraduate curriculum.
- Developed programs in SAS for data analysis; investigated trends in data through inferential statistics
- Designed university wide online surveys and developed final reports for University administration.

Teaching Assistant, Duke Statistics Department   June 2008 - December 2008
- TA for Undergraduate Statistics Courses

Resident Assistant, Duke Residence and Housing Services   September 2007 - May 2009

Certifications and Skills

Programming Languages: R, SAS, JavaScript, Matlab
Database Languages: SQL, PL/SQL, SQL Server and Microsoft Access
Certification: Oracle Database Administrator Certified Associate
*Currently Learning: Python

Volunteering and Activities

Weekly Volunteer at The Ronald McDonald House, New York, NY   May 2010 – August 2013
- Organized dinner for 100+ guests, connected with families and facilitated activities for the children.

Activities/Hobbies: Yoga, meditation, swimming, embroidery, pottery, photography, learning Portuguese