ANNIE TANG

Box 93722, Durham, NC 27708 | (678) 296-8828 | annie.tang@duke.edu | AnnieKatelynTang.com

EDUCATION

Duke University
B.S. Computer Science | B.S. Statistics

Durham, NC
2014 - 2018

- GPA: 3.7/4.0
- Relevant Coursework: Design and Analysis of Algorithms, Software Design and Implementation, Regression Analysis, Probability, Algorithms and Data Structures, Computer Architecture, Discrete Mathematics, Linear Algebra, Multivariable Calculus, Statistical Inference

High Technology High School

Lincroft, NJ
2010 - 2014

- GPA: 96.5/100; Ranked #1 STEM school, *US News and World Report 2016*
- Relevant Coursework: Engineering Design and Development, Principles of Engineering, Computer Integrated Manufacturing, Software Applications, Data Analysis, Multivariable Calculus, AP Calculus BC (5), AP Statistics (5)

SKILLS

Technical Skills: Java, Python, C, R, CSS, HTML, JavaScript, MIPS, HiveQL, Cypher (Neo4j query language)

PROFESSIONAL EXPERIENCE

AT&T — *Big Data Technical Intern*
Jun 2016 – Aug 2016

- Utilized graph databases (Neo4j) and statistical tools to break down business problems into data-driven analyses.
- Aided in key decision-making processes that guide improvements in employee productivity and resource management.

Google — *CodeU*
Mar 2016 – Aug 2016

- Exclusive development program to strengthen technical skills, through an online technical development curriculum and final programming project. Program culminates in an all-expense paid summit at Google in August 2016.
- Matched with a Google mentor to participate in mock interviews and meet regularly with throughout the program.

Data+, Information Initiative at Duke — *Data Science Researcher*
May 2015 – Aug 2015

- One of three students selected by mathematics department for a paid summer data science initiative
- First researcher in the neuroscience department to apply machine learning algorithms such as linear discriminant analysis, random forests, and k-means to predict individual risk behavior preference
- Created and implemented a predictive model 40% more accurate than previously available models

Teaching Assistant at Duke — *CS 250: Computer Architecture*
Jan 2016 –

- Responsibilities include holding weekly office hours (both in-person and online), teaching lab sections, and grading.

PROJECTS

AnnieKatelynTang.com

- Created personal website from scratch using CSS, Javascript, and HTML
- Designed own graphics using Adobe Photoshop and Illustrator
- Integrated GitHub's hosting platform

"Old Hollywood Glamour" — Technology Student Association Fashion Design Competition

- National Champion (1st place) project at fashion design and technology integration competition of over 100 schools
- Utilized 3D virtual prototyping software and 2D CAD/CAM pattern applications to take three original designs from concept to production

ORGANIZATIONS & LEADERSHIP EXPERIENCE

Webmaster — ITASA.org
Aug 2015 – Aug 2016

- Create and maintain web presence for a national level Intercollegiate Taiwanese American Student Association
- Implemented rebranding, new mailing list, and information page, serving several thousand members

InterVaristy Christian Fellowship Leadership
May 2015 –

- Vision Team member (2016 –): vision cast for the direction of the chapter, plan structures (retreats, on-campus events, etc.)
- Large group leader (2016 –): organize and lead weekly chapter-wide fellowship.
- Small group leader (2015 – 2016): co-lead weekly bible study for freshman students.

VP Cultural Affairs — Asian Student Association
Sept 2014 – May 2016

- Serve on Executive Board of largest organization on campus with over 1,000 participants
- Responsible for execution of annual cultural performance with over 2,000 yearly attendance

Volunteer at Durham Animal Protection Society (APS)
Jun 2015 –