

ANNIE TANG

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EDUCATION

Duke University

B.S. Computer Science | B.S. Statistics

Durham, NC

2014 - 2018

- GPA: 3.7/4.0

- Relevant Coursework: Software Design and Implementation, Regression Analysis, Algorithms and Data Structures, Computer Architecture, Discrete Mathematics, 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)

PROFESSIONAL EXPERIENCE

AT&T – *Big Data Technical Intern*

June 2016 – Aug 2016

- Utilized statistical tools and algorithms to break down business problems into data-driven analyses.
- Aided key stakeholders in decision-making processes that guide improvements in employee productivity.

Google – *CodeU*

Mar 2016 – Aug 2016

- Exclusive development program to strengthen technical skills, through an online (+ Google Hangout) 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 Scientist Intern*

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*

January 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

- 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

InterVarsity Christian Fellowship Large Group Leader (Small Group Leader 2015-2016)

- Large group leader: organize and lead weekly chapter-wide gathering.
- Small group leader: lead weekly bible study for freshman students.

VP Cultural Affairs – Asian Student Association

- 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)

SKILLS & INTERESTS

Technical Skills: Java, Python, C, R, CSS, HTML, JavaScript, MIPS