ANDREW K. TENG

andrewteng@gatech.edu
+1 404 434 9836
linkedin.com/in/tengandrew

education

Georgia Institute of Technology- *Atlanta, GA*   2015-12/2016 (*exp*)
Bioinformatics MS

Emory University- *Atlanta, GA*   2012-2015
Mathematics and Computer Science BS

experience

Lachance Lab, Dr. Joseph Lachance- *Atlanta, GA*   8/2015- Present
Graduate Research Assistant
- Analyzing increased risk of prostate cancer in males of African descent
- Statistically inferring patterns of ancient and recent admixture
- Comparing genetic risk scores to with clinical data to predict health disparities

National Cancer Institute (NIH-NCI), Dr. Kai Yu- *Rockville, MD*   6-8/2016
Summer Research Intern
- Project Title: Genome Characterization of Human Papillomavirus 16
- Full genome analysis and exploration of HPV 16
- Analyzing correlation between various loci
- Creating a prediction model to forecast cervical cancer likelihood and risk

Emory St. Joseph's Hospital- *Atlanta, GA*   1/2015
Student Extern   5/2014
- Shadowed Anesthesiologist, Anesthesiologist Assistants, and CNRAs
- Followed and learned routines, patient interaction, and OR procedures
- Total of 25 hours

projects

Advanced eICU Clinical Data Visualization Tool   2-8/2016
- Collaboration with Emory Healthcare and PHILIPS
- FHIR enabled display of eSearch data, customizable add-on to VISICU
- Intuitive and customizable dashboard and display of data

publications

Lachance J, Berens A, Hansen MEB, Teng AK, Tishkoff SA, Rebbeck TR. Population   *In preparation*
and evolutionary genomics of prostate cancer associated variants: implications for
health disparities in men of African descent.

presentations/ conferences

American Society of Human Genetics (ASHG)- *Vancouver, BC*- Attended   10/2016
NIH Summer Research Program Poster Day- *Bethesda, MD*- Presented   7/2016
International Conference on Bioinformatics- *Atlanta, GA*- Attended   11/2015

skills

Microsoft Office: Word, PowerPoint, Excel   *****
HTML, CSS, Java, Perl, MATLAB, R   ****
SQL, JS, Shell Scripting, Photoshop   ***
C, Python, Awk   **

related coursework

Multivariable Calculus, Linear Algebra, Probability and Statistics, Foundations of
Math, Numerical Analysis; Database Systems, Discrete Structures, Systems
Programming, Data Structures and Algorithms, Theory of Computing, Software
Engineering; Principles of Biology/ Physics/ Chemistry, Organic Chemistry,
Biochemistry, Human Anatomy and Physiology

interests

Clinical Healthcare
Precision Medicine
Personal Genomics