






ANDREW K. TENG

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 education	Georgia Institute of Technology- <i>Atlanta, GA</i> Bioinformatics MS	2015-12/2016 (<i>exp</i>)
	Emory University- <i>Atlanta, GA</i> Mathematics and Computer Science BS	2012-2015
 experience	Lachance Lab, Dr. Joseph Lachance- <i>Atlanta, GA</i> Graduate Research Assistant	8/2015- Present
	<ul style="list-style-type: none">- 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- <i>Rockville, MD</i> Summer Research Intern	6-8/2016
	<ul style="list-style-type: none">- 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	
 projects	Emory St. Joseph's Hospital- <i>Atlanta, GA</i> Student Extern	1/2015 5/2014
	<ul style="list-style-type: none">- Shadowed Anesthesiologist, Anesthesiologist Assistants, and CNRAs- Followed and learned routines, patient interaction, and OR procedures- Total of 25 hours	
	Advanced eICU Clinical Data Visualization Tool	2-8/2016
	<ul style="list-style-type: none">- 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 and evolutionary genomics of prostate cancer associated variants: implications for health disparities in men of African descent.	<i>In preparation</i>
presentations/ conferences	American Society of Human Genetics (ASHG)- <i>Vancouver, BC</i> - Attended	10/2016
	NIH Summer Research Program Poster Day- <i>Bethesda, MD</i> - Presented	7/2016
	International Conference on Bioinformatics- <i>Atlanta, GA</i> - 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	

