







# ANDREW K. TENG

andrewteng@gatech.edu

404 434 9836

linkedin.com/in/tengandrew



	education	Georgia Institute of Technology- <i>Atlanta, GA</i> Bioinformatics MS	2015-2016
		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- 12/2016
		- 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
		- 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- <i>Atlanta, GA</i> Student Extern	1/2015 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, <b>Teng AK</b> , Tishkoff SA, Rebbeck TR. Population and evolutionary genomics of prostate cancer associated variants: implications for health disparities in men of African descent.	<i>Submitted</i>
	presentations/ conferences	American Society of Human Genetics (ASHG)- <i>Vancouver, BC</i> - Attended NIH Summer Research Program Poster Day- <i>Bethesda, MD</i> - Presented International Conference on Bioinformatics- <i>Atlanta, GA</i> - Attended	10/2016 7/2016 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, Cancer Biology, Biomedical and Health Informatics	
	interests	Clinical Healthcare Precision Medicine Personal Genomics	

