

Lambert Leong

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ABOUT ME	Currently working towards a Masters in computer science while conducting research at a bio-tech company called Eyegenix. I received my Bachelors in biology and have work experience in biological, medical, and biomedical research. I am motivated by data driven research. I enjoy developing software and hope to work in an environment that allows me to continue to utilize both my backgrounds in biology and computer science.		
EDUCATION	Masters of Science, Computer Science, 3.84 GPA	Graduating Dec 2018	
	University of Hawaii at Manoa, Honolulu, HI Thesis Committee: Henri Casanova (chair), Lee Altenberg, Philip Johnson		
	Bachelor of Science, Major: Biology, Minor: Chemistry	2014	
	University of Oregon, Eugene, OR		
RELEVANT SKILL	Computer/Programming: Primary Languages: Python, Java, SQL, C/C++, shell Concepts: Parallel Programming (OpenMP, MPI, & pthreads), Machine Learning (scikit-learn), Data Anaylsis (MS Excel, R, &SPSS)		
EXPERIENCE	Thesis Work	December 2018	
	“Heuristics for Optimizing the Physical Layout and Network Topology of Integrated 3D Multi-chip Systems Under Temperature Constraints”		
	<ul style="list-style-type: none">• Software development to build a simulation framework• Performance optimization with Message Passing Interface(MPI) and OpenMP• Heuristic and algorithm design		
	Researcher	2018	
	Eyegenix LLC, Honolulu, HI		
	<ul style="list-style-type: none">• Bio synthetic cornea R&D and manufacturing• Bio compatibility and quality testing		
	Graduate Research Assistant	Summer 2017	
	Social Science Research Institute, University of Hawaii, Manoa		
	<ul style="list-style-type: none">• Database construction/management, queries with SQL, and data analysis		
	Computational Chemistry Substitute Instructor	2015	
	Computational Thinkers, Honolulu, HI		
	<ul style="list-style-type: none">• Prepared and executed educational demos		
	Pathology Student Trainee	Summer 2011 & 2012	
	Queen’s Medical Center, Honolulu HI		

- Genomic analyzer validation
- p40 Immunohistochemistry specificity & K-Ras mutation study

PUBLICATION Analysis of KRAS and BRAF mutant colorectal cancers in a multiracial population. American Society of Clinical Oncology, Chicago, IL, June 2012. Abstract [#1599](#).

REFERENCES Priscilla Carbajal
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