



## Lambert T.L.K. Leong

Email: [lamberttleong@gmail.com](mailto:lamberttleong@gmail.com), Website: [www.lambertleong.com](http://www.lambertleong.com)

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<b>EDUCATION</b>	<i>Ph.D. - Bioengineering,</i> Current University of Hawaii at Manoa, Honolulu, HI Research: Machine learning to discover novel mammographic imaging biomarkers for risk analysis and cancer detection Advisor: John Shepherd Ph.D.
	<i>M.S. - Computer Science, GPA: 3.85</i> 2018 University of Hawaii at Manoa, Honolulu, HI Thesis: “Heuristics for Optimizing the Physical Layout and Network Topology of Integrated 3D Multi-chip Systems Under Temperature Constraints” Advisor: Henri Casanova Ph.D. Committee: Lee Altenberg Ph.D., Philip Johnson Ph.D.
	<i>B.S. - Major: Biology, Minor: Chemistry</i> 2014 University of Oregon, Eugene, OR
<b>SKILL SET TOOLS</b>	<b>Primary Languages:</b> Python, C/C++, Matlab, shell/bash, Java, SQL, <b>Concepts:</b> High Performance Computing, Parallel Programing, Machine Learning <b>Tools:</b> OpenMP, MPI, Pthreads, Scikit-learn, Keras
<b>EXPERIENCE</b>	<i>Graduate Research Assistant</i> Current University of Hawaii Cancer Center <ul style="list-style-type: none"><li>• Software development &amp; algorithm design</li><li>• Machine learning for image processing and analysis</li></ul>
	<i>Researcher</i> 2015 - 2018 Eyegenix LLC, Honolulu, HI <ul style="list-style-type: none"><li>• Bio-synthetic cornea R&amp;D and manufacturing</li><li>• Bio-compatibility and quality testing</li></ul>
	<i>Graduate Research Assistant</i> 2017 Social Science Research Institute, University of Hawaii, Manoa <ul style="list-style-type: none"><li>• Database construction &amp; management</li></ul>
	<i>Pathology Student Trainee</i> Summer 2011 & 2012 Queen’s Medical Center, Honolulu HI <ul style="list-style-type: none"><li>• Genomic analyzer validation</li><li>• Cancer research</li></ul>
	<b>PUBLICATION</b> Analysis of KRAS and BRAF mutant colorectal cancers in a multiracial population. American Society of Clinical Oncology, Chicago, IL, June 2012. Abstract <a href="#">#1599</a> .