

LAMBERT T.L.K. LEONG

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PROFESSIONAL SUMMARY

Currently working towards a Masters in computer science. I received my Bachelors in biology and have work experience in biological and medical research. I am looking to gain work experience in the computer science field. I hope to eventually utilize my background in biology to develop software and tools that will aid the medical field and science research.

SKILLS

Programming Languages: Python, Java, C/C++, HTML, CSS, SQL, and JavaScript

- Data Analysis
- Research
- Technical Writing
- Experimental Design

EDUCATION

Masters in Computer Science, current (expected graduation date 12/2018)

University of Hawaii, Honolulu, Hawaii

Masters Thesis: Simulator to build optimal 3D multi-processor chip layouts. (Python, C, C++)

Courses included:

Software Engineering I & II	Bioinformatics
Algorithms	Data Storage and Retrieval
Java Programming	Network Science
C/C++ Programming	High Performance Computing/Cluster Computing
Social Informatics	Security/Cryptography
Medical Informatics	

Bachelor of Science in Biology, 2014

University of Oregon, Eugene, Oregon

Courses included:

Animal Physiology	Cell Biology
Development Biology	Medical Physiology
Model Organisms	Molecular Genetics of Human Diseases
Physiological Biochem	Sensory Physiology
Systems Neuroscience	Tropical Diseases

WORK EXPERIENCE

Research Associate, September 2015 to present

Eyegenix LLC, Honolulu, Hawaii

- Artificial cornea manufacturing
- Biocompatibility testing of manufactured products via cell/tissue culture
- Quality control testing
- Electrophoresis characterization of raw material
- Data input and grant writing

Fitness Attendant, September 2013 to June 2014

University of Oregon, Eugene, Oregon

- Maintain an inclusive and safe environment
- Provide information on general health, fitness, and policy
- Practice good customer service

Pathology Student Trainee, Summer of 2011 & Summer of 2012

The Queens Medical Center, Honolulu, Hawaii

- Validated genetic analyzer for in-house testing
- Conducted research on the prevalence of K-RAS mutations in a multi-ethnic population
- Technical bulletin write up for new and incoming HIV analyzer
- Researched different immuno-stains to increase specificity for lung cancer
- Assisted with autopsies and shadowed physicians

Simulation Tech, Summer 2013 – Summer 2014 (Volunteer)

Hawaii Pacific University's Nursing Simulation Laboratory, Hawaii

- SimTiki certified
- Maintained simulation environment
- Installed simulation software
- Lab IT

ACTIVITIES

- Computer Instructor (Substitute), Computational Thinkers, Honolulu Hawaii

ABSTRACT/PUBLICATION

Jared David Acoba, Christopher A. Lum, Lambert T. Leong. Analysis of KRAS and BRAF mutant colorectal cancers in a multiracial population. American Society of Clinical Oncology, Chicago, IL, June 2012. Abstract #1599.

REFERENCES

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