



## DANIEL LAWRENCE LU

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EDUCATION	<b>Carnegie Mellon University</b> Master of Science Robotics Institute, Advisor: George Kantor Thesis: <i>Vision-Enhanced Lidar Odometry and Mapping</i>	Aug 2014 – Aug 2016 GPA: 3.76
	<b>University of British Columbia</b> Bachelor of Applied Science Engineering Physics, Specialization in mechatronics	Sep 2008 – May 2014 GPA: 82.1% (A-)
SKILLS	<b>Languages:</b> C++, C, CUDA, Haskell, HiveQL, Javascript, MATLAB, PHP, Python, SQL <b>CAD:</b> Rhinoceros 3D, Solidworks <b>Operating systems:</b> GNU/Linux, Mac OS X, Windows Canadian citizen fluent in English and Mandarin.	
WORK	<b>Ouster</b> , San Francisco CA · <i>Computer Vision Engineer</i> Real time inertial-LIDAR localization and mapping algorithms.	Aug 2016 – present (C++, ROS)
	<b>CMU</b> , Pittsburgh PA · <i>Graduate Student Researcher</i> Real time visual-LIDAR localization and mapping algorithms for autonomous off-road vehicle in wilderness	Aug 2015 – Aug 2016 (C++, ROS)
	<b>Facebook</b> , Seattle WA · <i>Software Engineering Intern</i> Full stack development for the Save For Later functionality	May – Aug 2015 (PHP, Javascript)
	<b>CMU</b> , Pittsburgh PA · <i>Teaching Assistant</i> 16-299 Introduction to feedback control systems	Jan – Apr 2015
	<b>Facebook</b> , Seattle WA · <i>Software Engineering Intern</i> Machine learning algorithms for recommending Facebook Pages	May – Aug 2014 (C++, HiveQL)
	<b>UBC</b> , Vancouver BC · <i>Research Assistant</i> Real time registration of ultrasound and CAT scans	May – Dec 2011 (C++, CUDA, MATLAB)
	<b>Zak Technology</b> , Vancouver BC · <i>Engineering Co-op Student</i> Detection and classification of bat species using microphone array	Jan – Apr 2010 (MATLAB)