

Current Address:  
10965 Strathmore Dr. #406  
Los Angeles, CA 90024

**VILIUS VYSNIAUSKAS**  
tigrasvilius@gmail.com  
(714) 510-4886

Permanent Address:  
869 Launer Rd.  
Brea, CA 92821

---

Experience	<b>Ozcan Research Group</b>   UCLA <ul style="list-style-type: none"><li>Mobile/GUI and Backend Team</li><li>Projects including nonlinear optics, photonic bandgap fibers, and optical coherence tomography</li></ul>	10/2016 - current
	<b>UCLA Inventation 2016</b>   Los Angeles, CA <ul style="list-style-type: none"><li>Integrated Uber API to create a medical Android app (using Bluetooth and location services)</li><li>Laid out business plan to make profitable product proposal to investors</li></ul>	10/2016
	<b>USC vs. UCLA Open Hack 2015</b>   Los Angeles, CA <ul style="list-style-type: none"><li>Participant in a team of four</li><li>Created socially connected Android application called Scenic</li><li>Integrated Google Maps API; use of GitHub to manage code merging</li></ul>	01/2015
	<b>Class Projects</b> <ul style="list-style-type: none"><li><i>Simon Says</i>: created with FPGA board &amp; Verilog (digital design lab class)</li><li><i>SimpleDB</i>: implemented key features of a database system (buffer pool, catalog, files)</li><li><i>WeensyOS</i>: implemented crucial kernel and memory management modules of a simple OS</li></ul>	
	<b>Relevant Coursework</b> <ul style="list-style-type: none"><li><i>Circuit Analysis</i>: building protoboard circuits, Laplace transforms, power analysis</li><li><i>Digital Design</i>: MIPS single &amp; multi-cycle, x86, caches, assembly, memory architecture</li><li><i>Operating Systems</i>: concurrency, virtual memory, security, scheduling, file systems</li><li><i>Computer Networking</i>: layered network architecture, routing protocols, TCP/IP emphasis</li><li><i>Algorithm Design</i>: divide &amp; conquer, greedy, dynamic programming; NP-complete</li></ul>	
	<b>Work</b>   Kinross South <ul style="list-style-type: none"><li>UCLA Library student worker at book cataloging center</li></ul>	03/2016 – 04/2016

---

Skills	<b>General</b> <ul style="list-style-type: none"><li>Debugging and Compilation Tools: gdb, gcc, g++</li><li>Scripting w/ BASH</li><li>Software Construction: UML diagrams/design, GitHub, project management</li><li>Familiarity w/ Linux (Ubuntu, Fedora, Mint), Windows (7, 8, 8.1), and Android</li></ul>	
	<b>Programming Languages</b> <ul style="list-style-type: none"><li>C/C++, Java, OCaml, LISP, SQL, HTML</li></ul>	

---

Education	<b>University of California, Los Angeles</b>   Los Angeles, CA <ul style="list-style-type: none"><li>Major: Computer Science and Engineering B.S.</li><li>Current Cumulative GPA: 3.5</li><li>Active UPE (Upsilon Pi Epsilon) Member, CS Honors Club (top 1/3 of CS major)</li><li>Host undergraduate reviews for CS classes and lead homework help sections</li></ul>	Expected June 2017
-----------	---	--------------------