



Samuel Thomas

Resumé

Education

- 2016–Present **B.S., Cornell University**, Ithaca, GPA 3.030.
Major: Computer Science
- 2012–2016 **High School Diploma**, *John Marshall HS*, Los Angeles, GPA 4.071.
Graduated with High Honors

Experience

- 2017 Summer **Network Systems Laboratory, USC.**
Worked with Wyatt Loyd on DSEF, the Distributed Systems Experimental Framework.
<https://github.com/DSEF>
- 2017–2018 **Writing an Optimizing Compiler.**
Spring Semester Implementing an optimizing compiler in OCaml for a simple imperative language for a Compiler Design class.
- Oct 2017–Present **Developer for Startup.**
Major developer for Android App of a startup. Application includes NLP problems. The app hasn't been released yet.
- 2013–2016 **LPTAG Plasma Physics Lab, UCLA.**
A Laboratory where High School students work with UCLA professors on plasma physics research.
<http://plasmalab.pbworks.com/>
 - Conducted experiments on Bernstein waves, drift waves, and whistler waves
 - Co-authored paper on our drift wave research (Drift waves and chaos in a LPTAG plasma physics experiment)
 - Presented results from drift wave experiments at American Association of Physics Teachers Conference in 2014 in Long Beach and American Physical Society 2015 Conference in Savannah.
- Jan 2017–Present **Cornell Hacking Club, Cornell University**, Ithaca.
Participate in CTFs, hold hacking workshops, and work with club projects.
- 2016–2017 **Math Tutor.**
Tutored students in Calculus through a program set up by my Math instructor. Private Math tutoring in pre-algebra.
- Aug–Dec **Cross Country, John Marshall HS**, Los Angeles.
- 2013–2016 Member of the Junior Varsity Team. Won League Championships all three years.
- Jan–Jun **Swim Team, John Marshall HS**, Los Angeles.
- 2012–2016 Captain for two years and led team to become League Champions both years.

Computer skills

- Programming Languages Python, Java, Vala, OCaml, C++, C, Assembly, ELisp, Rust, Javascript, HTML, CSS, SQL

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