GEORGE HUTCHINSON

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GOAL

To intern in a setting where I can expand my understanding of mathematics, computer science, and physical science. Available May through August 2018.

WORK EXPERIENCE

U.C. Santa Barbara *Research Mentorship Program* **Summer 2015**
DEEPSPACE Experimental Cosmology lab (PI: Phil Lubin, PhD), Summer research intern

Worked on project: *Frosty Mirror Frontier: Analyzing the Optical Effects of Mid-stratospheric Conditions on a Telescope Mirror.*

Junior Assembly Intern **Summer 2014**
Aurrion Inc., summer intern

- Experimented with methods and processes to reduce contamination in the process of bonding silicon die to a wafer
- Worked on automating the system which would analyze the flaws that said contamination created

Network Infrastructure Consultant **Apr-Aug 2017**
Knight Lab, Dept. of Psycology, UC Berkeley

Coordinated migration of lab services onto new servers

EDUCATION

U.C. Berkeley **2016-present**
Major: Electrical Engineering and Computer Science
Intended Minor: Physics

Cumulative GPA: 3.81. Class of 2020.

Relevant courses in: Data Structures & Algorithms, Linear Algebra, Discrete Mathematics, Thermodynamics & Electricity/Magnetism, Processor Architecture, Quantum Mechanics, Analog Circuits, Control Theory.

Robert Louis Stevenson School **2012 - 2016**

Cumulative GPA: 4.24 (Top 2% of class).
Honors/Awards:

- *Cum Laude Society* for Academic Achievement; 2015, 2016.
- Winner, *Rensselaer Medal* for scientific and mathematical achievement; 2015. Rotary International Youth Leadership Award & *Camp Royal* attendance; June 2015.
- *Summa Cum Laude* on National Latin Examination; 2013, 2014, 2015. *Magna Cum Laude*; 2016.

SKILLS

Programming:	Python, Java, LaTeX, Ruby (+Rails).
UNIX system administration:	Debain, Ubuntu, RHEL, FreeBSD

EXTRACURRICULAR ACTIVITIES

- Lead control systems engineer & founding member, Stevenson School FIRST Robotics Competition team; 2014-2016
- Sophomore Wilderness Expedition Co-Leader; 2015-2016
- Technical Theater: lighting and sound design, Stage Manager; 2012-2016
- Amateur Radio Operator: Callsign KM6NWY

REFERENCES

- Matthew Turk, PhD, Prof. Computer Science at UC Santa Barbara. mturk@cs.ucsb.edu.
- Joseph Connell, mentor at UCSB Research Mentorship Program. zippyconnell@gmail.com.
- Augi Spannagel, Sr Engineering Manager, Juniper Network Systems. mspannagel@juniper.net