

# GEORGE HUTCHINSON

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## GOAL

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

## EDUCATION

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### 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.

## WORK EXPERIENCE

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### 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

*Aurion 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 Psychology, UC Berkeley*

Coordinated migration of lab services onto new servers

## SKILLS

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*Programming:* Python, Java, L<sup>A</sup>T<sub>E</sub>X, Ruby (+Rails).

*UNIX system administration:* Debain, Ubuntu, RHEL, FreeBSD

## EXTRACURRICULAR ACTIVITIES

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- 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

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