

BENJAMIN HALKOWSKI

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EDUCATION

COLLEGE of WILLIAM and MARY, Williamsburg, VA

Honors BS in Physics, Comp. Science Minor (Expected May 2018)

Deans List Scholar

August 2015 — *present*

GPA: 3.7 / 4.0

Physics Courses: *Electronics, Quantum Mech, Electricity/Magnetism, Class Mech, Stat. Mech, Thermodynamics*

Computer Science Courses: *Data Structures, Algorithms, Discrete Structures, Software Dev., App Security*

UNIVERSITY of PITTSBURGH, Pittsburgh, PA

Phi Eta Sigma Honor Society

National Society of Collegiate Scholars

September 2014 — April 2015

PROJECTS

PHYSICS

- Ongoing LASER research
- Magnetic levitation
- Franck-hertz
- Electronic labs

SKILLS

Electrical / Mech. Engineering
+ Theory

- Computer modeling of Solar System, projectile (MATLAB)
- Magnetic levitation: programming MBED (C)
- Raspberry PI

COMPUTER SCIENCE

- Full android app dev. × 2
- Basic data structures
- Basic algorithms
- Personal webpage

LANGUAGES

Java, Python, HTML, CSS, C++,
MATLAB [LaTeX]

EXPERIENCE

Laser Design and Construction (AMO)

Undergraduate Research

- Built laser from scratch.
- Engineered various housings and control circuitry.
- Set schedule, completed project successfully and on time.

June 2017 — August 2017

FLAT HAT College Newspaper

Guest Columnist / Staff Writer

- Collaborated extensively with editors.
- Practiced communicating ideas in group.

August 2015 — May 2018

ATHLETICS

- Soccer team nationally ranked.
- Swim team, state qualifier.
- Voted most valuable swimmer.
- Holder of multiple team records.

CREATIVITY

- Wrote/performed live original songs (guitar / piano / voice).
- Studied classical piano, 15 years.
- Written short stories, fiction.

EXTRACURRICULAR

Chess Club
Soccer Club
Swim Club
SOCIETY of Physics Students