

# BENJAMIN HALKOWSKI

3213 4<sup>th</sup> St. North, Arlington VA 22201  
(610) - 883 - 3925 [bhalkowski@email.wm.edu](mailto:bhalkowski@email.wm.edu)  
Website: [www.benhalkowski.com](http://www.benhalkowski.com)

## EDUCATION

---

**COLLEGE of WILLIAM and MARY**, Williamsburg, VA

August 2015 — *present*

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

GPA: 3.7 / 4.0

Deans List Scholar

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

September 2014 — April 2015

Phi Eta Sigma Honor Society

National Society of Collegiate Scholars

## 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)

June 2017 — August 2017

*Undergraduate Research*

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

*FLAT HAT* College Newspaper

August 2015 — May 2018

*Guest Columnist / Staff Writer*

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

### 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.
- Wrote short stories, fiction.

### EXTRACURRICULAR

Chess Club  
Soccer Club  
Swim Club  
SOCIETY of Physics Students