

STEFAN HELLER

5314 Augusta St ▪ Bethesda, MD 20816
240-507-7878 ▪ Stefan.heller00@gmail.com

EDUCATION

University of Maryland at College Park

Sophomore Physics Major

College of Computer, Mathematical, & Natural Sciences

May 2018-2022

Overall GPA: 3.7

Academic Achievements

- Dean's list in every completed semester at UMD

Related Course Work

- Object Oriented Programming, Applied Machine Learning
- Calculus III, Linear Algebra, Differential Equations, Complex Analysis
- Physics – Quantum and Statistical Mechanics, Optics, Mechanics and Electrical Labs

WORK EXPERIENCE

University of Maryland, College of Math and Natural Sciences

Bethesda, MD

Undergraduate Teaching Assistant - PHYS260&PHYS122

Jan-May 2020

- Led discussion sections to supplement and further explain lectures
- Created and graded quizzes on topics covered in lecture
- Held office hours where I interacted individually with students to help explain and elaborate on concepts

The Washington Service

Bethesda, MD

IT Intern

May-August 2018, 2019

- Worked on a small IT team to build and maintain software including Web and Internal apps
- Conducted data entry and database maintenance
- Ported existing programs into newer, preferred languages

American University Gravity and Thermal Noise Lab

Washington, DC

Researcher

June-August 2017

- Worked in a team of 3 undergraduate researchers to analyze the statistical distribution of quality factor on LIGO mirror coatings
- Assisted in writing software to do statistical calculations and data analysis
- Maintained and operated extremely sensitive lab equipment

Mohican Pool

Bethesda, MD

Swim Coach

May-July 2014, 2015, 2016, 2017

- Worked in a team of 6 other coaches to organize team events and competition line ups
- Coached children ages 4 to 18 in novice to advanced competitive swimming technique

SKILLS

Experience working in C#, Python, Java, SQL, HTML5, CSS, MVC, Mathematics, and Microsoft Office

ACTIVITIES

Climbing Club Vice President (UMD)

August 2018-Present

- Worked in a team of 4 executive board members to manage a club of about 60 athletes
- Organized club activities and competitions
- Acted as one of the main points of communication with the governing body

Captain of Varsity High School Swim Team (Walt Whitman HS)

November 2017-March 2018

- Elected captain of Varsity Swim Team
- Organized and facilitated social events
- Competed and helped others to compete in team events