

# Colby Ryan

9 Whistler Lane, Southborough, MA 01772  
Cell: (508)330-8410 Home: (508) 485-6027  
colbyryan2019@gmail.com

## EDUCATION

### **Union College, Schenectady, NY**

September 2020 – Present

Presidential Scholar. Intended double major: Mathematics and Computer Science. Elected Class Vice President. Club soccer. Selected classes include: Text Analytics, Honors Multivariable Calculus. Tutor middle school students in algebra and geometry.

### **TEFL Iberia, Barcelona, Spain**

August 2019-September 2019

Developed teaching abilities through an intensive course. Received CertTESOL certification.

October 2019- March 2020

Two-hour daily intermediate Spanish course.

### **Advanced Math and Science Academy, Marlborough, MA**

September 2012-June 2019

Graduated from a top-ranked school. AP Scholar. AP courses included Calculus AB (5), Computer Science (4), Government and Politics (3), and English Language and Composition (3). Class-elected Student Government representative. Honor roll. Varsity Soccer. Junior Varsity Soccer Captain. Mentored middle school boys in Computer Programming. Taekwondo second-degree black belt, competition team captain, silver medalist in National High School Tournament.

## EXPERIENCE

### **TandemAI, New York City, NY, *HPC Summer Intern***

June 2022-September 2022

Wrote python scripts to automate fio storage testing on the HPC Cluster. Created flexible scripts to test storage bandwidth and latency using both random and sequential read and write tests, and wrote python script to read and graph the output results.

### **Sapphire Software Services, Eagan, MN, *(Remote) Summer Intern***

June-September 2021

Wrote back-end functions (e.g., calculating target ROI's, target retirement ages, and progress towards financial goals) for a new goal-tracking feature added to Panoramix, a software tool used by financial advisors. Redesigned Panoramix help guide webpage to improve user experience using MVC in Microsoft Visual Studio. Created a search function for the help page using text analytics.

### **Smart School, Barcelona, Spain, *English Tutor***

October 2019-March 2020

Spent several hours a week tutoring private classes of all ages and all levels of English. Led conversational classes by creating discussion and conversation topics.

## PROGRAMMING LANGUAGES

Python, Java, C#, HTML, CSS (Advanced)  
Javascript, Swift, Linux (Basic)