Eduardo Ramirez

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EDUCATION

Archbishop Stepinac High School

White Plains, NY 10605
May 2022

CO-CURRICULARS

Political Club | Member

2019-Present

Economics Club | Member

2020-Present

HONORS & AWARDS

Hillman Academy Scholar — UPMC Hillman Cancer Center

National Honors Society Member – National Honors Society

Math Honors Society — Mu Alpha Theta

Science Honors Society — Archbishop Stepinac High School

Engineering Honors Academy – Archbishop Stepinac High School

First Honors since 9th Grade – Archbishop Stepinac High School

EXPERIENCE

Kumon North America | Tutor

August 2020 - November 2020 | White Plains, NY
- Graded homework and classwork.
- Tutored students with classwork.

University of Pittsburgh Department of Biomedical Informatics | Research Intern

June 2020 – Present | Pittsburgh, PA
- Worked in the Lu lab in the field of cancer genomics.
- Gained experience in using Python, R, and machine learning frameworks.
- Acquired a position through the UPMC Hillman Academy YES Program.

Roots to STEMS | Founder & Director of Operations

September 2020 – Present | Peekskill, NY
- Tutoring students in the local Peekskill community in subjects such as mathematics and science.
- Serving as a mentor for students looking to enter the STEM field when they are older, on overcoming adversity.
- Leading a team of tutors daily on curriculum development, as well as outreach.

PROJECTS

Discovering Predictive Gene Signatures via a Novel Hierarchical Framework | Eduardo Ramirez, Lifan Liang, Songjian Lu, PhD

Bioinformatics
- Investigating breast cancer genomics via a novel hierarchical framework, BEM, in order to contrast bioinformatics method on discovering gene signatures in transcriptomic data.