Dylan Sapienza

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EDUCATION

The George Washington University – School of Engineering and Applied Sciences   *August 2018 - Present*
Bachelor of Arts (Cumulative GPA 3.58, Philosophy GPA 3.8)
Double Major: Philosophy, Computer Science
- Relevant Coursework ; Computer Science, Mathematics, Philosophy
- Presidential Academic Scholarship and Deans List Scholar
- Proficient in MERN Stack, Java, Python, PHP, HTML/CSS/JS, C

Syosset High School, Syosset, NY   *September 2014 - June 2018*
Mastery in Science, Advanced Regents Diploma

- National Honor Society Inductee
- AP Scholar with Distinction
- Music Theory and Technology Awards

EXTRACURRICULARS & LEADERSHIP

WRGW at The George Washington University, Washington, D.C.
Radio Co-Host
- Part of a radio show based around music and conversation   *August 2018 - Present*
- Operated radio switchboard and technical elements of broadcasting
- Planned and developed weekly show segments

The Hatchet, Washington, D.C.
Student Life Reporter
- Worked on articles for the independent George Washington University newspaper   *September 2019 - Present*
- Pitched stories, conducted interviews and wrote articles for the Student Life section
- Works with a team of reporters and editors

The Cheese Club, at The George Washington University, Washington, D.C.
Co - Founder and President

- Led the creation and establishment of a new official GWU student organization   *November 2019 - Present*
- Student Recruitment and Event Planning
- Worked on Partnership with GW Dining

WORK EXPERIENCE

New York Life
Technology Project Management Intern   *June 2021 - August 2021*

- Participated and Facilitated Agile Development
- Worked with the Marketing Department to Integrate Technology

iD Tech Camps, NYIT Old Westbury, NY
Instructor & Virtual Instructor   *June 2019 - August 2020*
- Taught courses in Java, Python, Machine Learning and Computer Hardware
- Worked with 45+ students ages 7 - 17
- Worked with a team of other Instructors and Director 45+ hours a week to ensure a productive and safe camp environment.

PROJECTS

Linked Playlists for Spotify
Full Stack Social Collaborative Playlist Service. Allows users to add songs to playlists with comments and ratings.
External modern progressive web app interface. Written with MongoDB, React, Express and Node.JS   *May 2020 - Present*
- Integration with Spotify User Data API Calls
- Modern Interface React and Ionic Libraries

Recycling Machine Sorting
Using Google Cloud Computing, created a program that uses imagery in order to determine
which type of recyclable material it is. Designed for GW Engineers Without Borders. Written in Java   *November 2019 - Present*
- Utilizes Google Vision API to generate ML insight
- Created a Sorting Dictionary to accurately infer Glass/Paper/Metal/Plastic

Harmonic Music Generator   *April 2019 - Present*
Using a Graphical User Interface, program generates musical chord progressions based on several
conditions. Written in Java
- Utilizes multiple Java classes and functions
- Designed for ease of use for musicians and non-technical users
- Created logical interpretations of complex theoretical music techniques and practices