Dylan Sapienza

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Permanent Address:
9 Baylis Place
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EDUCATION

The George Washington University – School of Engineering and Applied Sciences   *August 2018 - Present*
Bachelor of Arts
Double Major: Computer Science, Philosophy
- **Relevant Coursework** ; Computer Science, Mathematics, Philosophy
- **Deans List Scholar**
- **Proficient in Java, C, Python, HTML/CSS**

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

Technology Club at Syosset High School, Syosset, NY   *January 2015 - June 2018*
President and Project Manager (elected president in 2015 and retained office until graduation.)
- Managed a club which focused on collectively working on technological projects.
- Led club meetings and worked with 30+ students to create a productive environment
- Created fundraisers for club projects and hurricane relief.

WORK EXPERIENCE

iD Tech Camps, NYIT Old Westbury, NY
Instructor   *June 2019 - August 2019*
- Taught courses in Java, Python, Game Development 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.

Crest Hollow Country Club, Woodbury, NY   *June 2016 - August 2017*
Certified Lifeguard
- Enforced club rules to facilitate a safe swimming enviroment
- Red Cross Lifeguarding Certification, Nassau County Lifeguard Certification

PROJECTS

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

2048 Game & Artifical Intelligence   *January 2019 - April 2019*
The popular game 2048 mobile app recreated in Java using 2D Arrays
- Utilizes multiple Java classes and interfaces
- Designed an Artificial Intelligence that can score on average 1200+ points.