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| Daniel Marzari | <https://github.com/DanielMarzari>  dan.marzari@gmail.com  **(516) 972-2430** |
| EDUCATIONCairn University, Computer Science (B.S. expected May 2022)**Langhorne, PA| Aug 2018 - Present**Lynbrook Public High School, (Advanced Regents Diploma with Honors in Math and Science)**Lynbrook, NY| Sep 2014 - June 2018| 4.0 GPA**EXPERIENCECairn University, Marketing Operations Student Worker**New York, NY | September 2018 - Present** - Built a configurable importer in Java to convert college inquiries into a usable format to upload into Microsoft Dynamics 365.  - Developed an application that verifies addresses from student inquiries that continues to save the department money. Google Inc, Computer Science Summer Internship**New York, NY| July 2018** - Highly selective computer science immersion program facilitated by Google engineers.  - Chosen as one of 30 students to participate in hands-on coursework based in JavaScript, Python and App Engine.  - Final project consisted of building a full-stack web application within a three person team and presentation to an audience of engineers, peers, friends and family. Responsible for front-end JavaScript functions and back-end connections to App Engine in Python. Science Research, Application Developer**Lynbrook, NY| May 2016 - September 2016**  - Created a program in VB .net for a research team in Budapest, Hungary that gathered meticulous data for research purposes on the Uncanny Valley Effect (<https://tinyurl.com/y7dmrsd5>). Lynbrook High School Robotics Club, Team Programmer**Lynbrook, NY | September - February 2014-2015, 2016-2017 (Captain)** - Wrote classes for the FTC programming interface in Java that provided autonomous and user controlled functionality to the team robot.  - Served as co-captain of the team and oversaw engineering design and programing during the 2016-2017 school year. ACTIVITIESAll State Jazz Ensemble, Lead Trumpet**Rochester, NY | Albany, NY| December 2017, March 2018** - Chosen as one of 16 elite jazz musicians to perform at the statewide NYSSMA conference.  - Performed for state delegates lobbying for funding and support of music education throughout the state. Student Leadership University 201, Attendee**Washington, DC| July 2017** - Learned about various leadership models and following a vision from national leaders. Student Leadership University 101, Attendee**Orlando, FL| June 2016** - Learned practical and relational skills that are necessary for leadership and vision from world-class speakers. | COURSEWORK Essentials of Networking  Intro to Computer Science  Computer Science A SKILLS **Proficient:**  Java  **Experience with:**  Python  VB .net  Google Scripts  **Frameworks / Libraries:**  OpenCV  Apache PDFBox  Apache Commons Lang  **Other Skills / Concepts:**  Databases  Data Processing  Mathematical Algorithms  Fourier Transform  Matching Algorithms INTERESTS Quantum Physics  Quantum Algorithms  Distributed Systems & Parallel Computing  Deep Learning  Artificial Neural Networks  Jazz Piano & Trumpet  Biking  Reading |