

EDUCATION

New York University , Tandon School of Engineering, Brooklyn, NY Bachelor of Science, Mechanical Engineering, GPA: 3.232 <i>Relevant Coursework: Control Systems, Machine Design, Finite Element Design, Model, and Analysis, Fluid Mechanics</i> - Robotic Design Team Member - Designed and assembled robot components using Onshape in teams, achieving 90% functionality - Measured parts and proposed modifications for future designs High School Diploma	09/2020 12/2024
Pelham Memorial High School , Pelham, NY 2016-2018, 2019-2020, GPA: 93, ACT: 32 - Honor Roll - Spanish Honor Society Member - National Honor Society Member - New York State Math and Science Honor Society Member	09/2016-06/2020 2016-2018, 2019-2020 05/2020 11/2019 03/2018
Francis W. Parker , Chicago, IL	2018-2019

AWARDS AND CERTIFICATIONS

Best Senior Design Commencement Award Designed an automated pill organizer that enhances medication accessibility for individuals with motor disabilities Order of the Engineer Member	05/2024 04/2024
Illinois State Robotics Champions, FIRST Tech Challenge	2019
FIRST Tech Challenge Worlds Participant	2019

TECHNICAL SKILLS

Coding Languages and Tools:	SQL, Python, HTML, CSS, JavaScript, git, command-line, GitHub, VSCode, React, Next.js
Mechanical Engineering Tools:	Fusion 360, AutoCAD, Solidworks, Onshape, Ansys, MATLAB, CFD

EXPERIENCE

Project Management Intern, Constellation Software, New York, NY - Implemented a risk management system using Confluence, enhancing project tracking and team collaboration - Led scrum meetings and improvised backlog management using Jira, optimizing development workflows - Developed strong analytical, leadership, and agile project management skills	06/2024-08/2024
Maker Intern: Co-Op Camp, Mamaroneck, NY - Led a group of children through engaging camp activities, ensuring high participant satisfaction - Improved comprehension of engineering concepts by incorporating innovative multimedia tools - Optimized workflows to reduce staff workload and enhance overall productivity	06/2022-08/2022
Tennis Instructor, Tournament Director: New Rochelle Racquet Club, New Rochelle, NY - Resolved conflicts promptly among players, coaches, or spectators to maintain a positive atmosphere at events - Coached established tennis players in advanced game techniques and competition strategies. - Taught physical conditioning, resulting in increased players' endurance	06/2021-08/2021

EXTRACURRICULAR ACTIVITIES

Summer Engineering Program Participant, University of Illinois at Chicago Exposed to various engineering disciplines through team building activities	08/2019
Immigration Justice Civic Lab Community Service	2018-2019
Men's Varsity Tennis Player	2015-2019
Robotics Club Team Member	2016-2019
Digital Media Academy AI and Machine Learning Participant, University of Chicago Reached an understanding of how to apply machine learning to find patterns or solve problems	07/2019
USTA Tournament Tennis Player 10 hours per week in addition to weekend tournaments	2013-2021