

Ron Dumalagan

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Current Address:

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Permanent Address:

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Woodside, NY 11377
Phone: (929) 303-0492

EDUCATION:	Stevens Institute of Technology	Hoboken, New Jersey	August 2020 - Expected May 2024
	Bachelor of Science in Computer Science		
	GPA 3.657/4.000		
	Brooklyn Technical High School	Brooklyn, New York	September 2016 - June 2020
	Advanced Regents Diploma, Software Engineering		
	GPA 4.0/4.0		

RELEVANT COURSES:

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|------------------------------------|-----------------------------|--|
| • Data Structures | • Discrete Structures | • Probability and Statistics |
| • Introduction to Computer Science | • Calculus of Two Variables | • Series, Vectors, Functions, and Surfaces |

TECHNICAL / NON-TECHNICAL SKILLS:

- | | | |
|-----------------------|-----------|--------------------------------|
| • Python | • SQL | • Bootstrap |
| • Java | • Ubuntu | • Robot Operating System (ROS) |
| • HTML/JavaScript/CSS | • Arduino | • Solidworks |

PROJECTS:

New York on Tech TECH360 Competition	Team Member	September 2018 - December 2018
<ul style="list-style-type: none">Created a Mock Website for a pet store utilizing HTML, JavaScript, and CSS, in addition to Bootstrap and Animate.cssCollaborated with two other students over the course of 2 months through the AWS Cloud9 IDEPresented the final product to a panel of industry professional judges in a city-wide competition, and won first runner-up		

EXPERIENCE:

Maritime Security Center	Student Researcher	May 2021 – July 2021
<ul style="list-style-type: none">Conducted a feasibility study for the completion of inspection tasks with the BlueROV autonomous underwater robotContributed to a collaborative research paper through literature analysis, learning ROS, and developing Solidworks simulationsPresented weekly status reports, and a final cumulative group presentation for Dept. of Homeland Security (DHS) stakeholdersBecame familiarized with the Marine Transportation System (MTS) and Coast Guard operations in relation to maritime security		
State of NY Metropolitan Transport Authority	Summer Intern	July 2019 – August 2019
<ul style="list-style-type: none">Contributed to the inner functions and work environment of an MTA bus depot by coordinating with 2 other internsDisplayed the ability to effectively solve problems, communicate with coworkers and supervisors, and be punctualDemonstrated industrious work ethic and optimization skills through a swift completion of administrative tasks		
Arimed Orthotics & Prosthetics Inc.	Intern	February 2019 – April 2019
<ul style="list-style-type: none">Instructed the employer on how to use features on his computer, phone, and smart watchAssisted in making purchases, registering for events, and creating online accounts for the employer		

LEADERSHIP:

Ethnic Student Council (ESC)	Secretary	April 2021 – Present
<ul style="list-style-type: none">Maintained accurate and complete minutes, attendance, and voting records of all meetingsProcessed all correspondence, primarily through sending and responding to all emails pertaining to the organization		
Filipino Association of Stevens Tech (FAST)	Co-Cultural Chair	April 2021 – Present
<ul style="list-style-type: none">Presented Filipino culture and relevant issues to the General Body during formal meetingsWorked in conjunction with Social Chairs to incorporate culture in FAST events		

ACTIVITIES/AWARDS:

• Dean's List	Recipient	Fall 2020 – Present
• A. James Clark Scholarship	Recipient	August 2020 – Present
• Presidential Scholarship	Recipient	August 2020 – Present
• Society of Asian Scientists and Engineers	Member	August 2020 – Present
• National AP Scholar Award	Recipient	July 2020