

Ron Dumalagan

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Current Address:

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|-------------------|---|----------------------------|--|
| 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:

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

PROJECTS:

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|---|--------------------|---------------------------------------|
| 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.css• Collaborated with two other students over the course of 2 months through the AWS Cloud9 IDE• Presented the final product to a panel of industry professional judges in a city-wide competition, and won first runner-up | | |

EXPERIENCE:

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|---|---------------------------|-----------------------------------|
| 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 robot• Contributed to a collaborative research paper through literature analysis, learning ROS, and developing Solidworks simulations• Presented weekly status reports, and a final cumulative group presentation for Dept. of Homeland Security (DHS) stakeholders• Became 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 interns• Displayed the ability to effectively solve problems, communicate with coworkers and supervisors, and be punctual• Demonstrated 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 watch• Assisted in making purchases, registering for events, and creating online accounts for the employer | | |

LEADERSHIP:

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|--|--------------------------|-----------------------------|
| 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 meetings• Processed 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 meetings• Worked in conjunction with Social Chairs to incorporate culture in FAST events | | |

ACTIVITIES/AWARDS:

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|---|-----------|-----------------------|
| • 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 |