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# Education

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| west islip high school, west islip, nyregents diploma advanced designationcURRENT gpa 83.73*Expected graduation june 2020*RELEVANT COURSEWORK  |  |  | | --- | --- | | * Computer Technology I & II | * Video Production | | * Electricity/Electronics | * Computer Aided Design (CAD) | | * Skills in Science Research | * Principles of Engineering | | * AP Computer Science A | * Physics | | * Design & Drawing for Production | * Cisco Networking Academy I - IV | | * Algebra Honors | * Pre-Calculus | |

# skills

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| * Computer Networking, Routing and Switching, Diagnostics, Networking Protocols * Computer Diagnostics and Troubleshooting, Information Technology * Computer Aided Design and Drawing, using programs such as Autodesk Inventor and AutoCAD * Multi – Platform Software Development in languages such as Java, Python, and JavaScript * Automotive Repair / Technology * Audio Technology / Music Tech * Advanced Audio Production and Equalization * Electronic Circuity Design / Engineering * Mechanical Drafting * Tracing and Documenting Pipelines * Commercial Electrical Design * Server Design / Build / Maintenance * Apache Software | * Controlling/Working with Microcontrollers such as Arduino and Raspberry Pi’s * Web Development and Design: HTML/CSS/JS * Google Firebase * CNC/Machining * Computer Integrated Manufacturing * Additive/Subtractive Manufacturing * Woodworking * Circuit Board/PCB Design * 3D Printing/Model Fabrication * Screen Repair on iPhone 6s * Pneumatics/Aerodynamics * Welding * Amateur Radio * Familiar with National Electrical Code (NEC) * Web Hosting / Domain Management * Knowledge of Linux/ UNIX Based Systems |

# Experience

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| **MEP ENGINEERING P.C.** JUNE 2019 – PRESENT  **ENGINEERING APPRENTICE**  Mastering the skills of the Mechanical, Electrical and Plumbing Engineering Trade. Working with other apprentices and employees both in the office and out in the field to advance my skills in the trade.  **RAILROAD MUSEUM OF LONG ISLAND (RMLI), RIVERHEAD, NY** APRIL 2018 – PRESENT  **TECHNICAL SUPPORT MAINTENANCE STAFF & WEB DEVELOPER**  Maintain and repair electronics boards for railroad cars, oil/maintain train motors and gears, fundraising for and assisting with the restoration of Steam Engine 39, work with Apache and various hosting services to maintain a reliable website, designed Content Management System (CMS) for easy and dynamic updates of various pages throughout the website.  **UDALL MIDDLE / WEST ISLIP HIGH SCHOOL, WEST ISLIP, NY** MAY 2015 – PRESENT  **STUDENT AUDIO/VISUAL (AV) TECHNICIAN ASSISTANT**  Assist school staff with technical Issues including: Diagnosing and repairing 3D printers, fixing technical issues with school equipment including: SMART Boards, Sound Board, Lighting Board, Speaker Systems and A/V Controls, Internet Connectivity Support, Robotics Technical Support, Media Equipment troubleshooting (Microphones, Video Production Streaming, Encoding & Rendering). **kidoyo** Summer 2014 – spring 2017Student mentor Mentored students aged 7 to 17 years old on programming concepts and issues/errors, using languages including Java, Python, JavaScript, Rust, Go and HTML/CSS. |
| **Stony brook university**, STONY BROOK, NY June – August 2016APP DEVELOPER Developed an Android Application with other students working with Google Maps APIs to make a map of the rooms in all of the Computer Science buildings throughout the campus. awards & AccomplishmentsAmerican Radio Relay League SEpTember 2017 - 2018NLI Section Youth Coordinator Assisted youth within the amateur radio community and promoted amateur radio throughout the NY Hudson Division Science research/competition – honorable mention May 2015Clubs & activities  * West Islip Robotics Team #871 – Electrical/Pneumatics Team Captain * West Islip High School Audio/Visual (AV) Club President May 2019 * Extra Class Amateur Radio Operator – Emergency Communications / Disaster Recovery, Relief * Railroad Museum of Long Island (RMLI) Volunteer April 2018 - Present |