

BRENDAN T. MURPHY

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EDUCATION

Stonehill College Bachelor of Science in Business Administration Major: Management; concentration in Management Information Systems Minor: Computer Science	2016-2020 <i>Easton, MA</i>
University of Otago Semester Abroad	Fall 2018 <i>Dunedin, New Zealand</i>

PROJECTS

Policy and Strategy <ul style="list-style-type: none">· Led a team in a semester long consulting engagement with Bridge Water Savings Bank.· Conducted research on how open positions can be better marketed to prospective employees	Spring 2020
Operations Management <ul style="list-style-type: none">· Managed a clothing company with a starting budget of 3000 dollars.· Supervised the team through the transition to remote work	Spring 2020
Project Management <ul style="list-style-type: none">· Assisted the Stonehill Information Technology department in deciding on how to renovate a classroom to best fit faculty and student needs, using agile project management· Analyzed projector and classroom usage data to decide what rooms needed new equipment	Spring 2019
Web Programming <ul style="list-style-type: none">· Developed a comprehensive understanding of HTML, CSS and Python by creating a simulated website	Spring 2019

EXPERIENCE

Multi-Tissue Tracking System https://mtt.murphs.team/ <i>Developer</i> <ul style="list-style-type: none">· Worked to develop a python application to analyze the contractile function of human engineered cardiac tissues· Created mySQL database to manage and track important tissue information· Used JavaScript to allow users to draw post location and cross section lengths for each tissue	March 2020 - Present <i>New York, NY</i>
Heights Crossing Assisted Living <i>Volunteer</i> <ul style="list-style-type: none">· Facilitated fun and stimulating activities for the residents helping to improve their quality of life	Fall 2017 – Winter 2020 <i>Brockton, MA</i>
Wilderness First Responder <i>Course Participant</i> <ul style="list-style-type: none">· Participated in an intensive ten-day, 80-hour Wilderness First Responder course through NOLS· Trained in a fast pace and high-pressure environment to manage medical situations that can arise in the wilderness	Spring 2018 <i>Harramin, NY</i>
Seamster <i>Cadette Crew</i> <ul style="list-style-type: none">· Worked with a crew to sail an 88-foot schooner around the Caribbean using clear communication and teamwork	Summer 2017 <i>Road Harbor, British Virgin Islands</i>

SELECTED COURSEWORK

Computer Science I & II, Data Structures, Data Communication Network & Security, Introduction to Data Analytics, Decision Support Systems, Legal Environment of Business, Database Theory & Application, Programming Languages

SKILLS

Programming: Python including Flask, Docker, Java, HTML, CSS, SQL
Data Analysis: Python with NumPy and Pandas, SAS Enterprise Miner, Microsoft Excel
Project Management: MS Project, Monday.com
Office: Microsoft Office Suite, LaTeX