

# BRENDAN T. MURPHY

Astoria, NY

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## EDUCATION

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**Stonehill College** 2016-2020  
Bachelor of Science in Business Administration *Easton, MA*  
**Major:** Management; concentration in Management Information Systems  
**Minor:** Computer Science

**University of Otago** Fall 2018  
Semester Abroad *Dunedin, New Zealand*

## PROJECTS

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**Policy and Strategy** Spring 2020  
· 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

**Operations Management** Spring 2020  
· Managed a clothing company with a starting budget of 3000 dollars.  
· Supervised the team through the transition to remote work

**Project Management** Spring 2019  
· 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

**Web Programming** Spring 2019  
· Developed a comprehensive understanding of HTML, CSS and Python by creating a simulated website

## EXPERIENCE

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**Multi-Tissue Tracking System** | <https://mtt.murphs.team/> March 2020 - Present  
*Developer* *New York, NY*  
· 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

**Heights Crossing Assisted Living** Fall 2017 – Winter 2020  
*Volunteer* *Brockton, MA*  
· Facilitated fun and stimulating activities for the residents helping to improve their quality of life

**Wilderness First Responder** Spring 2018  
*Course Participant* *Harramin, NY*  
· 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

**Seamster** Summer 2017  
*Cadette Crew* *Road Harbor, British Virgin Islands*  
· Worked with a crew to sail an 88-foot schooner around the Caribbean using clear communication and teamwork

## SELECTED COURSEWORK

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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

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**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