

BRENDAN T. MURPHY

Astoria, NY

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EDUCATION

Stonehill College

Bachelor of Science in Business Administration | GPA: 3.13

Major: Management; concentration in Management Information Systems

Minor: Computer Science

2016-2020

Easton, MA

University of Otago

Semester Abroad

Fall 2018

Dunedin, New Zealand

PROJECTS

Multi-Tissue Tracking System | <https://mtt.murphs.team/>

March 2020 - Present

- Worked to develop an open-source python application to analyze the contractile function of human engineered cardiac tissues

Policy and Strategy

Spring 2020

- Led a team in a semester long consulting engagement with Bridge Water Savings Bank. Conducted research on how they can market their positions to prospective employees

Operations Management

Spring 2020

- Lead a team creating a clothing company with a starting budget of 3000 dollars. Managed 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 most needed new equipment

Web Programming

Spring 2019

- Developed a comprehensive understanding of HTML, CSS and Python by creating a simulated website

SELECTED COURSEWORK

Computer Science I & II, Data Structures, Data Comm. Network & Security, Management Information Systems, Introduction to Data Analytics, Decision Support Systems, Legal Environment of Business, Organizational Behavior, Database Theory & Application, Computer Logic & Organization, 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

EXPERIENCE

Heights Crossing Assisted Living

Volunteer

Fall 2017 – Winter 2020

Brockton, MA

- Facilitate fun and stimulating activities for the residents helping to improve their quality of life
- Learned to be attentive to the needs of the residents to ensure they enjoyed activities

Wilderness First Responder

Course Participant

Spring 2018

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 minor to severe medical situations that can arise in the wilderness

Seamaster

Cadette Crew

Summer 2017

Road Harbor, British Virgin Islands

- Worked with a crew to sail an 88-foot schooner, using clear communication and teamwork, to destinations around the Caribbean