BRENDAN T. MURPHY

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EDUCATION

Stonehill College 2016-2020
Bachelor of Science in Business Administration | GPA: 3.13 *Easton, MA*
Major: Management; concentration in Management Information Systems
Minor: Computer Science

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

PROJECTS

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

Multi-Tissue Tracking System | https://mtt.murphs.team/ March 2020 - Present
Developer *New York, NY*
· Worked to develop an open-source 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

Seamester 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

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