Brooks Walsh

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**EDUCATION**

Lehigh University, Bethlehem, PA Graduation: December 2024

**Bachelor of Science in Business and Economics** Major GPA: 3.25

Major - **Finance**

Minor - **Computer Science**

Related Coursework: FIN 335, FIN 377, BIS 244, CSB 242, MGT 243

**RESEARCH/ LABORATORY/PROJECT EXPERIENCE**

**Fintech Research/Teaching Assistant** September 2023 – Present

* Analyzed large data sets while performing ad hoc research for Professor Bowen.
* Improved and maintained the python-finance class, resulting in less work for the Professor.
* Performed the functions of a Business Finance and Strategy Analyst with advanced financial modeling and strategic decision making.

**RELATED EXPERIENCE**

**Loan Analyst** January 2021 – August 2021

Leader Bank, Needham, Massachusetts

* Managed substantive responsibilities related to client relations.
* Called existing clients and followed up on loan officers’ new clients to assist with clarity and/or paperwork.
* Adapted quickly to office norms, helping employees and clients alike with proficient organizational skills.

**ADDITIONAL EXPERIENCE**

**Gravedigger** July 2018 – July 2020

Town of Sherborn Cemetery Commission, Sherborn, Massachusetts

* Performed dozens of burials as the on-call gravedigging assistant for the town I grew up in.

**Cashier** January 2018 – July 2018

Wegmans, Natick, Massachusetts

* Provided top-tier customer service for the residents of the Natick area.
* Learned the basics about the inner workings of large corporations.

**LEADERSHIP** or **PROFESSIONAL ORGANIZATION**

**SHYG Youth Minister** │ Pilgrim Church, Sherborn, Massachusetts December 2017 – July 2019

* Helped lead weekly events and yearly service projects with the local church.
* Attended three annual week-long service trips to provide humanitarian aid to those in need.

**PERSONAL PROJECTS**

Java Processing Library February 2023 – Present

* Constantly creating new projects using the Java Processing library (Graphics, Games, Math).
* Notable Projects: Discrete Fourier Transform visualization, Mandelbrot set renderer, Space Invaders (Game).

Loan Amortization Scheduler December 2022

* Created a Python notebook file and script to quickly analyze loans/mortgages with informative graphics.

65C02 Breadboard Computer July 2023 - August 2023

* To learn more about electrical engineering, I built a computer from scratch using the 65C02 microprocessor.
* Received an introduction to the basics of the 6502-assembly language.

**TECHNICAL SKILLS** or **LANGUAGE PROFICIENCY**

Computer skills: General knowledge of computer systems; built several personal computers for friends and family.

Software: Microsoft Office, Google Workspace, R & RStudio, Python (Pandas and NumPy), Java (OOP), Git.

Language proficiency: English (Proficient), French (Intermediate).