

Briggs Twitchell, CPA

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briggstwitchell.github.io/site/

Relevant skills and knowledge

- **Programming languages:** Proficient in Python, Java, C; familiar with Javascript, HTML/CSS, and SQL
- **Software & Tools:** IntelliJ, VS Code, Git, VIM, TMUX, terminal, Windows & Mac OS, and MS Office Suite
- **Domains:** Linear Algebra, Calculus, Data Wrangling, Data structures & Algorithms, Probability & Statistics, Object-Oriented Design, and Test Driven Development
- **APIs:** NumPy, Pandas, Matplotlib, Seaborn, and Scikit-Learn

Projects

- **Collegiate Athlete Data Analysis:** Used Pandas and Seaborn APIs to analyze the academic performance of collegiate athletes and construct data visualizations
- **Europe graph traversal:** Used file I/O in C to construct an adjacency list graph of European cities and implemented Dijkstra's algorithm to calculate the shortest distance between any two city nodes
- **Transaction Processor:** Utilized OOD, MVC design, and SOLID principles in Java to implement a generic linked list containing Chase transaction data; program can filter, sort, and summarize transaction data
- **Weather Data Program:** Developed Python program to generate an interactive map based on NOAA data

Work Experience

Teaching Assistant, Northeastern University — Portland, ME *Sept. 2022 – present*

- Lead a programming lab of 30 students, teaching programming concepts in Python
- Tutor individual students on programming topics such as iteration, I/O, recursion, and OOP

Accountant/IT auditor, Berry, Dunn, McNeil & Parker, LLC — Portland, ME *July 2020 – Aug. 2022*

- Performed SOC 1 & SOC 2 audits for insurance and financial service companies
- Led teams of 3 to 6 professionals in financial statement audits, reviews, and compilations
- Conducted daily client calls and organized large workflows for clients with assets >\$10 MM

Risk and Advisory Intern, Baker Newman Noyes, LLC — Portland, ME *May – Aug. 2019*

- Performed ERP selection and implementation for non-profits
- Examined client business processes such as inventory and AP to determine software utilization
- Researched prospective clients and presented findings to senior management of the firm

Audit Intern, KPMG LLP — Philadelphia, PA *Jan. – Mar. 2019*

- Participated in financial statement audits for Fortune 500 companies

Other Relevant Experience/Achievements

- Multiple leadership roles, including leading large client audit engagements, instructing a classroom of students, and founding/running a student interest group
- Published writing in Manhattan Magazine (narrative piece) and Logos (academic essay)
- Giving What We Can Pledge member (part of the Centre For Effective Altruism)

Education

Northeastern University — Portland, ME *Jan. 2022 - May 2024*

Master of Science in Computer Science, Software Engineering — GPA 4.0

Saint Joseph's University — Philadelphia, PA *Aug. 2017 - Dec. 2019*

Bachelor of Science in Business Administration, Accounting — Summa Cum Laude