

# Briggs Twitchell, CPA

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briggstwitchell.github.io/site/

## Education

**Master of Science in Computer Science**, Software Engineering *Jan. 2022 - May 2024*  
*Northeastern University — Portland, ME — GPA 4.0*

**Bachelor of Science in Business Administration**, Accounting *Aug. 2017 - Dec. 2019*  
*Saint Joseph's University — Philadelphia, PA — summa cum laude*

## Technical Skills and Knowledge

<u>Languages</u>	<u>Software Tools</u>	<u>Concepts</u>	<u>Libraries/Frameworks</u>
• Python	• Git	• Machine Learning	• Django/ORM
• Javascript	• VS Code	• OOD & SOLID Principles	• Pandas
• Java	• Postman	• HTTP Request	• Matplotlib
• HTML/CSS	• Jira	• Test Driven Development	• Scikit-Learn
• Java			
• HTML/CSS			
• C			
• PostgreSQL			

## Projects

- **Patient walking metadata:** Surfaced patient time zone and calculated standard deviation of step precision for clinical analysis by company researchers; implemented in Python/Django
- **Mapping Maine Healthcare Data:** Collaborated with Maine based cancer center to develop interactive map containing various metrics related to their cancer research goals; implemented in Python with GeoPandas and Folium libraries
- **Trail recommender:** Led a team of students in implementing a trail sorting algorithm in Python that accounts for a variety of user preference inputs; utilizes the Gower Distance function and leverages Pandas and GeoPy

## Work Experience

**Software Intern**, MedRhythms Inc. — Portland, ME *June 2023 – Aug. 2023*

- Applied CI/CD approach to implement application logic in Python/Django
- Worked on agile team to develop and maintain the backend for a clinical gait training application
- Collaborated with clinical, research, operations, and product teams to fine-tune Jira stories and issues

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

- Lead a programming lab of 30 students, teaching concepts in Python and Java
- Tutor individual students on topics such as iteration, I/O, recursion, OOP, and design principles
- Created and led special topic workshops on topics such as CLI, Git, and recursion

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

- Performed SOC 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

## Other Experience/Achievements

- Founder of the Roux Outdoor Club
- Published writing in Manhattan Magazine and Logos
- Giving What We Can Pledge member
- Former CPA in Maine
- Working musician
- Intermediate French