

Briggs Twitchell

Brunswick, ME 04011 | (814) 969-5760 | Twitchell.b@northeastern.edu
briggys-artist.org

Education

Master of Science in Computer Science, Software Engineering *Jan. 2022 - May 2024 (expected)*
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>Relevant Coursework/Knowledge</u>	<u>Libraries/Frameworks</u>
• Python	• Javascript	• Test Driven Development	• Django/ORM
• Java	• HTML/CSS	• OOD & SOLID Principles	• Express.js
• C	• PostgreSQL	• RESTful Design	• Pandas
• MySQL	• Jira	• Supervised ML	• Scikit-Learn
	• Z Shell & Vim	• CI/CD	• Bootstrap

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 creating a trail sorting algorithm in Python that ingests a variety of user preference inputs; implements the Gower Distance function and leverages Pandas and GeoPy

Work Experience

Software Engineering 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*

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

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 and leader of the Roux Outdoor Club
- Published writing in Manhattan Magazine and Logos
- Giving What We Can Pledge member
- Completed the Maine Marathon
- Former licensed CPA in Maine
- Write and publish original music ([link](#))
- French language, A2