

FAY X. WHITTALL

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OBJECTIVE: Seeking a summer internship in Software Engineering

EDUCATION: **Worcester Polytechnic Institute (WPI)**, Worcester MA
B.S. in Computer Science with Data Science Minor, GPA 3.96, May 2021

Related Classes: Software Engineering, Algorithms (Graduate & Undergraduate), Database Systems, Object Oriented Design Concepts, Systems Programming Concepts, Operating Systems

PROJECTS: **Brigham & Women's Hospital Pathfinding Application:** Participated in a nine-person team to develop an indoor pathfinding application for Brigham & Women's Hospital. Application included a map builder, a room scheduler, and integrated service requests. I acted as a software engineer and the project manager, contributing code to the application while managing project tasks, coordinating the team, and keeping all team members motivated.

Portfolio Website: Wrote and designed my own portfolio website in HTML, CSS, and Bootstrap Libraries. I was taught these skills by myself and by my fraternity, as I helped design their website as well.

Event-Driven Simulation: Wrote a bank simulation determining whether one large customer queue or one customer queue per teller is more efficient

SKILLS: **Programming Languages:** Java, JavaFX, OracleSQL, C, C++, and Racket
Tools used: IntelliJ IDE, Eclipse IDE, GitHub, Taiga.io, HTML, CSS, Bootstrap Libraries, Microsoft Office (Word, Excel, Powerpoint, Publisher)
Familiar with Agile development methodologies

EXPERIENCE: **Office Assistant at STEM Education Center** (May 2019 – Present)
Organized materials for professional development. Managed professional development events. Collected and assessed data on Massachusetts Schools and beyond. Created materials for professional development.

Research Assistant for Seeds of STEM project (Apr 2018 – Aug 2019)
Worked with WPI and the College of the Holy Cross in implementing an engineering curriculum in preschool classrooms. Assessed children's learning and teacher's knowledge of engineering.

ACTIVITIES: **Alpha Phi Omega** (Coed Service Fraternity), WPI, Jan 2018-Present

- Member of Web Committee (Aug 2019 – Present)
- Secretary (Jan – Apr 2019)
- SERVE (Mar 2019) – a weekend-long training session teaching and applying project management and delegation in a large group setting.

WPI Pep Band, WPI, Aug 2017-Present