

## **FAY X. WHITTALL**

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**OBJECTIVE:** Full -time entry-level software engineering position

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### **EDUCATION:**

**Worcester Polytechnic Institute (WPI),** Worcester MA

Bachelor of Science in Computer Science, Minor in Data Science, GPA 3.96/4.00

**May 2021**

### **SKILLS:**

**Programming Languages:** Java, C, OracleSQL, JavaScript, Python, JavaFX, C++

**Tools/Methods:** Agile, IntelliJ IDE, Eclipse IDE, Git, JUnit, Taiga.io, Anaconda, HTML5

### **PROJECTS:**

**A Pipeline for Biomedical Data, WPI, MQP**

**Aug 2020 – May 2021**

- developing a broad, accessible pipeline for physiological data with computer science and biomedical engineering students from WPI

**Brigham & Women's Hospital Pathfinding Application, WPI**

**March - May 2019**

- fostered team morale as project manager in an agile development team of nine WPI students
- collaborated with the team as a software engineer to build pathfinding, map building, room booking, and service requesting abilities inside a Java application

**Dark LinkedIn, Personal Project**

**June 2020 – Present**

- built a Chrome extension to add a dark mode to LinkedIn using CSS and JavaScript

**Escape, WPI**

**April – May 2020**

- implemented the back end of a board game in Java
- ensured a flexible design using OOP to allow for variations in boards, pieces, and rules of play

**Health Center Co-Design, Dwenase, Ghana, IQP**

**Oct 2019 – Mar 2020**

- collaborated with three WPI students, citizens of Dwenase, and their health workers to co-design a health center with improved privacy, cleanliness, and customer satisfaction

### **EXPERIENCE:**

**Summer Learning Academy Externship, AT&T**

**June – July 2020**

- acquired business and technical acumen along with personal growth and personal development across 80 hours of online learning

**Office Assistant, STEM Education Center, WPI**

**May 2019 – May 2020**

- organized materials created for professional development using Microsoft Word
- collected and assessed data on schools using Microsoft Excel

**Research Assistant for Seeds of STEM project, WPI**

**Apr 2018 – Aug 2019**

- assessed the effectiveness of Seeds of STEM, an engineering curriculum for Pre-K classrooms, through interviews, video coding, and written assessments

### **LEADERSHIP:**

**Alpha Phi Omega (Coed Service Fraternity), WPI**

**Jan 2018 - Present**

- Merit Badge University Chair (Jan – Dec 2020), Secretary (Jan – Apr 2019)
- MEMBERSHIP ACADEMY (May 2019), SERVE (Mar 2019)