FAY X. WHITTALL

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OBJECTIVE: Seeking a full-time entry-level software engineer position

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

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

PROJECTS:
Brigham & Women's Hospital Pathfinding Application, WPI   **March - May 2019**
- worked in a nine-person agile development team
- application included pathfinding, map building, room booking, and service requests
- acted as project manager and software engineer

Escape, WPI   **April – May 2020**
- designed the back end of a board game
- allows varying boards, pieces, and rules

Generic Piece Validator, WPI   **April 2020**
- determines if a chess piece is eligible to make a given move

Co-Designing a Health Center, Dwenase, Ghana   **Oct 2019 – Mar 2020**
- collaborated with three WPI students, citizens of Dwenase, and their health workers to co-design an improved health center

EXPERIENCE:
Office Assistant at STEM Education Center, WPI   **May 2019 – May 2020**
- Organized materials and created for professional development
- Collected and assessed data on Massachusetts Schools and beyond using Microsoft Excel.

Research Assistant for Seeds of STEM project, WPI   **Apr 2018 – Aug 2019**
- assessed Pre-K childrens' and teachers' knowledge of engineering with WPI and Holy Cross students

LEADERSHIP:
Alpha Phi Omega (Coed Service Fraternity), WPI   **Jan 2018 - Present**
- Brother of Excellence (May 2020)
- Member of Web Committee (Aug – Dec 2019)
- Secretary (Jan – Apr 2019)
- MEMBERSHIP ACADEMY (May 2019)
- SERVE (Mar 2019)