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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, Database Systems, Object Oriented Design Concepts, Systems Programming Concepts, Operating Systems, Algorithms (To be completed by May 2020): Algorithms (graduate level), Machine Learning, Object Oriented Analysis and Design

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.

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

Mid-day Commander: Wrote a menu-based command shell modeled after the Midnight commander

SKILLS: **Programming Languages:** Java, JavaFX, OracleSQL, C, C++, and Racket
Tools used: IntelliJ IDE, Eclipse IDE, GitHub, Taiga.io
Familiar with Agile development methodologies

EXPERIENCE: **Research Assistant for Seeds of STEM project** (April 2018 – Present)
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.

WPI Chemistry Stockroom Clerk (Aug 2017 – May 2018)
Processed package deliveries necessary for chemistry laboratories. Communicated with WPI professors and teaching assistants to ensure customer satisfaction.

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

- Secretary (Jan – Apr 2019)
- MEMBERSHIP ACADEMY (May 2019) – a weekend long program teaching recruitment and retention techniques for Alpha Phi Omega and beyond
- 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