

Robert T. Webb

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EDUCATION

Princeton University: *Cumulative GPA- 3.5*

Princeton, NJ (Expected Graduation: May 2022)

Concentration: Bachelor of Science in Engineering – Computer Science

Certificate (prospective): African American Studies

Relevant Coursework: Algorithms and Data Structures, Advanced Programming Techniques, Introduction to Programming Systems, Principles of Computer System Design

WORK EXPERIENCE

Microsoft

(Summer 2021)

Program Manager in Cloud + AI (Redmond, WA)

McKinsey & Company

(Summer 2020)

Sophomore Summer Business Analyst (Chicago, IL)

- Drove workstream for developing client's center strategy through market research and criteria evaluation, culminating in a synthesized recommendation
- Designed a model to predict necessary client personnel and revenue growth given client's desired outcome
- Created qualitative and quantitative metrics to assess client's success in terms of growth and organizational structure during their implementation phase

McKinsey & Company

(Summer 2019)

Freshman Summer Business Analyst (Philadelphia, PA)

- Modeled recovery funding disbursement and effectively utilized Excel and PowerPoint to communicate the findings to senior leadership
- Led workstream for analyzing a subset of federal funding data for a government recovering from a natural disaster

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Princeton Black Men's Association (PBMA)

(Spring 2018 – Present)

President (Princeton, NJ)

- Optimized organizational structure and culture by outlining clear objectives and mission statement
- Improved community-building strategy through implementing board and member feedback forms, resulting in increased membership by 50% and relevant programming

Residential College Advisor (RCA)

(Summer 2020 – Present)

Advisor to underclassmen (Princeton, NJ)

Management Leadership For Tomorrow

(Winter 2019 – Present)

Career Prep Fellow, Software Engineering Track (Princeton, NJ)

- 18-month professional development program, receiving personalized coaching to improve as an emerging computer scientist

Other Affiliations: National Society of Black Engineers, Milwaukee Fellows

ACADEMIC PROJECTS

Book Exchange (SQL, Python, JavaScript, Flask & Jinja)

(Fall 2020)

Project Lead

- Created three-tier web application that enables students to exchange course books as both buyers and sellers
- Prioritized key features and functionalities based on user feedback and feasibility

In-Memory Cache (Golang)

(Fall 2020)

- Created an in-memory, look-aside, write-allocate cache through the implementation of two eviction algorithms FIFO and LRU

Unix Shell (C)

(Spring 2020)

- Developed a minimal, but realistic interactive Linux shell

AutoCompletion (Java)

(Fall 2019)

- Built an AutoComplete data structure that allows queries for arbitrary data sets mimicking Google's search tool

TECHNICAL SKILLS

Programming languages: C, Java, JavaScript (familiar), Python, SQLite