AVA BIERY

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EDUCATION

B.A. Wesleyan University   Sept 2015 – May 2019

Major in Mathematics and Computer Science   GPA: 3.6/4.0

WORK EXPERIENCE

Course Assistant   Sept 2017 – May 2019

Wesleyan University

- Collaboratively designed educational strategies with co-workers
- Led labs and help sessions attended by 15+ students from a class of 40+
- Responsible for guiding students of all experience levels through course material
- Selected by the professors to grade course homework
- Assisted in the following courses: Computer Science II, Fundamentals of Calculus, and Introduction to Programming

Circulation Assistant   May 2018 – May 2019

Olin Library - Wesleyan University

- Represented the library by resolving patron inquiries from the front desk
- Organized materials both through online circulation software and physical maintenance
- Facilitated inter-library transactions of materials

Complex Analysis Tutor   Feb 2018 – May 2018

Wesleyan University

- Recruited by professor as tutor and mentor for Mathematics students
- Scheduled flexible tutoring sessions to meet student needs
- Prepared students for success in homework and exams

PROJECTS

RESP – Responsive Emotional Support Protocols   June 2019 - Present

- Collaboratively developed application for use by first responders to provide adequate psychological intervention in areas recently hit by natural disasters
- Implements IBM Watson and self-built Machine Learning models
- Winner of the IBM Call for Code prize at AngelHack 2019: Manhattan

SKILLS

Programming Languages   Python, HTML, JavaScript, SML
Libraries   Scikit-Learn, OSMnx, React