

ETHAN BARON

14 Mary Ln • Greenvale, NY 11548 • 516-468-8555 • ethanbaron@gwu.edu

EDUCATION

THE GEORGE WASHINGTON UNIVERSITY, School of Engineering and Applied Science

Washington, DC

Bachelor of Science in Computer Science and Finance

May 2022

GPA: 3.7; University Honors Program; Dean's List; Presidential Scholarship

Relevant Coursework includes: Algorithms and Data Structures, Software Engineering, Algorithms, Computer Architecture, Discrete Structures I and II, Database Systems, Financial Management and Markets, Financial Accounting

TECHNICAL SKILLS

Programming Languages: Java, Python, C, MATLAB, HTML, CSS, PHP

Operating Systems and Software: Windows, macOS, Ubuntu, CentOS, SQL, Trello, Git, Microsoft Office

Languages: Conversational Spanish

RELEVANT EXPERIENCE

GW SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Washington, DC

Undergraduate Research Assistant

March 2020 – Present

- Developed open-source networking and distributed systems research project with over 25 contributors from multiple research labs to improve performance, practicality and reliability
- Conducted biweekly code reviews and suggested several changes to codebase to be implemented in platform updates
- Monitored a cluster with over 30 servers to be used by research group and other professors for computing needs

GW SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Washington, DC

Student Academic Assistant I

January 2020 – Present

- Taught 100 computer science students in position requiring professor recommendation after strong performance
- Facilitated four laboratory sections of Algorithms and Data Structures course as part of instructional staff
- Held three weekly office hours for students to receive additional individual coursework-related support

GW DIVISION OF INFORMATION TECHNOLOGY

Washington, DC

IT Support Center Specialist

September 2019 – Present

- Advised over 250 university community members on solutions to information technology issues
- Managed university information technology systems and devices owned and operated by university departments
- Demonstrated proper use for university-provided hardware and software through over 20 in-person consultations

SELF EMPLOYED

Greenvale, NY

Freelance Technology Consultant

May 2019 – August 2019

- Analyzed issues to provide personalized support to 20 community members through in-house consultations; developed unique solutions to a wide range of problems
- Updated technology systems on six Windows and macOS computers; streamlined file and photo storage systems
- Maintained information technology systems for 10 community members to ensure high speed and efficiency and extend technology lifetime

PROJECTS/ACTIVITIES

DATABASE SYSTEMS

Spring 2020

- Built graduate school application system web application to simulate industry project management with LAMP stack backend and Bootstrap component organization frontend in an assigned group of three people
- Integrated application system with registration and advising systems created by other students in different group

Risk Manager and Vice President of Technology, Delta Sigma Pi Professional Business Fraternity, 2019 – Present

Member, GW School of Engineering and Applied Science Undergraduate Ambassadors, 2020 – Present

Member and Peer Tutor, GW Association for Computing Machinery, 2018 – Present

Interests: Running cross country, trying new restaurants, attending electronic music concerts