

ETHAN BARON

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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 (Fall 2018, Spring 2019, Spring 2020); Presidential Scholarship

Relevant Coursework: Advanced Networking and Distributed Systems, Operating Systems, Algorithms and Data Structures, Software Engineering, Algorithms, Computer Architecture, Discrete Structures I and II, Database Systems

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: Spanish (Conversational)

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
- Analyzed four million data points to create machine learning model to predict serverless function resource requirements
- Monitored a cluster with over 30 servers to be used by research groups and other professors for computing needs

GW SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Washington, DC

Undergraduate Teaching Assistant

January 2020 – Present

- Taught 100 computer science students after vigorous selection process including strong performance and recommendation
- Designed over 10 lessons, exercises and assignments to enable impactful remote instruction during global pandemic
- Facilitated four laboratory sections of Algorithms and Data Structures course as part of instructional staff

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 optimal use for institution-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 and introduced 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 groups

Vice President of Technology and Risk Manager, 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