

# ETHAN BARON

2121 H St NW • Washington, D.C. 20052 • 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: 3.6; 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 institutions 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 and Peer Tutor, GW Association for Computing Machinery, 2018 – Present

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