

Gabrielle Blom

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EDUCATION & HONORS

Emory University, Atlanta Expected Graduation: May 2020

- Pursuing a Bachelor of Arts in Computer Science and a Bachelor of Arts in Political Science
- GPA: 3.78/4.00
- Relevant Coursework: Data Structures and Algorithms, Computer Science Practicum, Computer Organization and Assembly Programming, Database Systems, Linear Algebra

HONORS AND AWARDS

Viola Westbrook Scholarship May 2018

- Awarded to aid in studying abroad in Vienna, Austria for excellence in German Studies

Honors List (Fall 2016-Fall 2017, Fall 2018) Merit List (Spring 2018)
Alpha Epsilon Upsilon Honor Society

WORK EXPERIENCE

PayPal, San Jose, CA Spring 2019
Software Engineer Intern

- Work on Enterprise Solutions team to build software for PayPal's business clients
- Using JavaScript, NodeJS, and React for frontend development

Center for Law and Social Science, Atlanta, GA August 2018 – Present
Fellow

- Selected as one of two computer science students to assist on several research projects across schools
- Automated batch data collection from Twitter and assisted in subsequent data analysis
- Assisted in various other research tasks regarding impact of social media on international politics

Google CodeU March 2018– August 2018
Developer

- Collaborated with a team of peers to build a web application for group chats using Java, JavaScript, HTML and CSS, leveraging Java servlets, AppEngine, and the Google Cloud Platform and APIs
- Used Bootstrap to redesign the entire user interface to allow for a more streamlined experience and allow mobile capability
- Learned and implemented industry best practices such as: contributing to Open Source software, conducting regular code reviews for teammates, and extending an existing codebase

Oxford College Math Center, Oxford, GA August 2017 – December 2017
Computer Science Tutor

- Selected by computer science department head to conduct private tutoring sessions with students in the Intro Java CS course
- Assisted students with lab projects and debugging code
- Collaborated with professors to analyze the needs of students and developed techniques to improve teaching methods

Pfizer: Girls Who Code, New York, NY June 2017 – August 2017
Teaching Assistant

- Instructed forty high school girls in seven-week intensive Computer Science course
- Edited and delivered lesson plans on topics including Python, JavaScript, robotics, data structures, sorting algorithms, and HTML/CSS
- Taught soft skills such as pitching and presenting projects and provided feedback on projects and presentations
- Served as a liaison between the classroom and Girls Who Code HQ

LEADERSHIP EXPERIENCE

Inclusive Curriculum Committee, *Co-President*, Oxford College of Emory University August 2017 – May 2018

- Coordinate efforts among deans, faculty, staff, and students to make resources and curricula accessible for all students
- Implemented a series of diversity initiatives including a campus-wide statement of commitment to diversity, a tips sheet on promoting diversity in the classroom for faculty, and a campus-wide survey on diversity
- Planned a community outreach event for 150 elementary-school aged students to promote college attendance

AIG: Girls Who Code, *Participant*, New York, NY Summer 2015

- Received intensive training in Python, JavaScript, HTML/CSS, product design, and pitching
- Educated in game development, robotics, and cryptography through collaborative projects

Other Activities

- Gamma Phi Beta Sorority: Philanthropy Chairwoman; Student Alumni Board, Marketing Committee; Inclusive Curriculum Committee, Co-President

SKILLS & INTERESTS

- Technical Skills: Proficient in Java, HTML/CSS; JavaScript and Python; Microsoft Office
- Languages: Intermediate French and German