

KALISSA S. FEINBERG

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EDUCATION

BROWN UNIVERSITY

PROVIDENCE, RI | MAY 2021

- Concentration in Computer Science

WASHINGTON UNIVERSITY IN ST. LOUIS

ST. LOUIS, MO | AUGUST 2017 - MAY 2019

- Dean's List: Fall 2017 - Spring 2019
- Antoinette Frances Dames Award for engineering excellence

GPA: 4.0

HORACE MANN SCHOOL

BRONX, NY | JUNE 2017

- Cum Laude society
- AP Scholar with Distinction

SKILLS

SOFTWARE Java • Python • C++
JavaScript • HTML • CSS • PHP

TECHNOLOGY Node.js • LaTeX • Git
Adobe Suite • Microsoft Office

LANGUAGES Spanish

COURSEWORK

Computer Science

Rapid Prototype Development and Creative Programming • Object-Oriented Software Development Laboratory • Data Structures and Algorithms • Introduction to Computer Security • Introduction to Data Science • Introduction to Computer Engineering

Mathematics

Probability • Linear Algebra • Multivariable Calculus • Elementary to Intermediate Statistics and Data Analysis

EXPERIENCE

J.P. MORGAN CHASE *Software Engineering Intern*

WILMINGTON, DE | JUNE 2019 - AUGUST 2019

- Built backend for site that onboards applications to data monitoring services (Spring Boot, Java, JavaScript, GraphQL)
- Increased speed of data transfer between teams by 24 hours
- Automated onboarding processes; 8 hours/week less manual work

GIRLS WHO CODE *Teacher's Assistant*

PFIZER NYC, NY | JUNE 2018 - AUGUST 2018

- Assisted in teaching Python, Robotics, Web Development, and Data Science to classroom of 40 high school girls
- Oversaw students' development and execution of final projects

WASHINGTON UNIVERSITY IN ST. LOUIS *Teacher's Assistant* (CSE 131, CSE 247, CSE 332)

ST. LOUIS, MO | JANUARY 2018 - MAY 2019

- Supplemented lectures, guided students through labs
- Graded tests and labs; provided feedback for curriculum

ACTIVITIES

WOMEN IN COMPUTER SCIENCE CLUB *Executive Board Member*

ST. LOUIS, MO | JANUARY 2019 - MAY 2019

- Served as Webmaster; responsible for content and design of club's website, sent out weekly newsletters to 200+ campus members
- Participated in weekly executive board meetings to plan programming and events

GATEWAY TO THE GREAT OUTDOORS *Volunteer*

ST. LOUIS, MO | JANUARY 2019 - MAY 2019

- Educated 20 middle school students about conservation and environmentalism in weekly class
- Chaperoned weekend rock climbing and camping trips

SELECTED PROJECTS

Mastermind SmartGuesser Implemented Minimax game theory to design algorithm that solves classic Mastermind game in nearly optimal time: average 4.1 moves per solution (Java)

Chat Server Developed site in which users can create chat rooms, chat with other users, and kick/ban users from chat rooms (JavaScript, Node.js, Socket.io)