

Isaac Hilton-VanOsdall

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Education

Brown University, Sc.B Computer Science, GPA: 3.69/4.0

Providence, RI | **Expected Graduation May 2021**

Relevant Courses:

- Intro to Software Engineering, Deep Learning, Design and Implementation of Programming Languages, Data Science
- Linear Algebra, Probability for Computing and Data Analysts, Multivariable Calculus

Technical Skills

Python, Java, Javascript, React, C, Tensorflow, Scala, SQL, Jira, Scala, Racket, OCaml, LaTeX, Google Cloud Platform, Linux, Github, MATLAB

Technical Employment

American Express, Technology Intern

New York, NY (remote) | 07/2020 - 08/2020

- Interned with the Credit & Collections team and aided in the development of an inventory management website that will enable more organization and efficient use of representatives' time
- Developed features and demoed them for the Credit & Collections team before eventual integration with existing code and deployment
- Worked with React, Redux, Jira, Confluence, Bitbucket
- Participated in scrum processes, grooming, planning, and stand-up meetings with 6 engineers and interns

Brown University Computing & Media Technology Services, Student Technician

Providence, RI | 02/2018 - 12/2019

- Provided over-the-phone and in-person technical support to university staff and students
- Troubleshoot malfunctioning audiovisual equipment during lectures, enabling professors to utilize unfamiliar technologies in their classes
- Staffed events where audiovisual equipment is required

Computer Science Experience

Personal Computer Science Projects, Programmer

09/2017 - Present

- Implemented a convolutional neural network to produce high-quality low-light photos
- Built a QR code reader and decoder
- Designed and built a web app, Where2Meet, to find local venues to meet with friends. Developed with a React frontend, Java and SQL backend, interfacing with the Yelp API

Brown University Computer Science Department, Undergraduate Teaching Assistant

Providence, RI | 01/2018 - Present

- Worked on three different course staffs holding weekly hours, labs, and grading student assignments averaging 10+ hours per week
- Instructed students on data structures, deep learning, Java, Scala, Python, NumPy, Tensorflow, Racket, and ReasonML

Brown University Computer Science Department, Head Teaching Assistant

Providence, RI | 10/2019 - 05/2020

- Worked closely with the professor in the instruction of an intro computer science course, CS 0180, of 150+ students
- Organized the conversion of the course from in-person to fully online in a matter of weeks in response to COVID-19
- Supervised 20 undergraduate teaching assistants

Leadership Experience and Campus Engagement

BWell Health Promotion, Masculinity Peer Educator

Providence, RI | 04/2019 - Present

- Facilitated workshops for student groups on campus discussing gender and masculinity, reaching over 150 students

Brown University Pre-College Summer Program, Resident Assistant

Providence, RI | 06/2019 - 08/2019

- Supervised high school students participating in Brown's summer program with over 4,000 students
- Worked 24 on-call hours per week, responding to personal and medical incidents
- Organized and ran twice-weekly activities for students such as workshops or game nights

Apple Hill Center for Chamber Music, Violist, Counselor

Nelson, NH | Summers 2016 - 2018

- Rehearsed daily in chamber music groups and perform at the end of the camp for families and local folk
- Supervised younger campers age 13-18 during daily activities and in cabins at night

Interests

Viola (14 years), Guitar, Trombone, Biking (Mountain and Road), Rock Climbing