

# Isaac Hilton-VanOsdall

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May 2021 graduate interested in software engineering and artificial intelligence, specifically deep learning. Looking for a full-stack development position with developer autonomy and tight-knit teams doing creative engineering which will allow me to expand my technical skills.

## Education

**Brown University, Sc.B Computer Science**, GPA: 3.74/4.0 Providence, RI | **Expected Graduation May 2021**

Relevant Courses:

- Intro to Software Engineering, User Interfaces and User Experience, Data Science, AI, Deep Learning
- Linear Algebra, Probability for Computing and Data Analysts, Multivariable Calculus

## Technical Skills

Python, Java, JavaScript, React, HTML, CSS, SQL, Tensorflow, Github, Scala, Jira, C, Racket, OCaml, Google Cloud Platform, Linux, LaTeX, 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