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

Where2Meet, *Co-Founder*   Providence, RI | 02/2019 - 05/2019
- Designed and developed a webapp for friends to find local venues to meet up, allowing everyone in the group to vote for their choice of venue
- Featured a Java backend with SQL database integrated with the Yelp API and a React frontend
- Worked on the project from vision and planning through design and implementation up to presentation of the final product
- Tasks included interfacing with the Yelp API and processing data as well as contributing to user interface implementation

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 for a time-secured smart QR code system

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