Jacob A. Frausto

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EDUCATION

BROWN UNIVERSITY   **PROVIDENCE, RI**
Bachelor of Science, Computer Science   May 2023

Relevant Coursework: Intro to Object-Oriented Programming, Intro to Algorithms and Data Structures, Intro to Discrete Structures and Probability, Intro to Computer Systems, The Engineer's Burden, Technology and Society
Technical Skills: Proficient – Java, Python, Selenium, Swift; Basic – HTML/CSS, JavaScript, C#, C, TensorFlow, Beautiful Soup

EXPERIENCE

BROWN UNIVERSITY   **Providence, RI**
Undergraduate Teaching Assistant   September 2020 – Present
- Assist professor to re-design projects, manage coursework, and grade assignments for 300+ students.
- Hold 4 hours of office hours weekly to help students understand technical and conceptual components of the course.

PROVIDENCE PUBLIC LIBRARY   **Providence, RI**
Technology Education Assistant, Bonner Fellow   September 2019 – Present
- Contribute through feedback as an observational member of the Technology/Education department.
- Educated 20 individuals on career development and digital literacy skills for "Pivot the Hustle" spring course.
- Taught 26 individuals how to use Excel and other data analysis tools for "Data Analytics" fall course.

ID TECH CAMPS   **Campbell, CA**
Online Instructor   May 2020 – August 2020
- Instructed 70+ students ages 7-18 on Python, Java, Scratch, Minecraft, and General Game Design.
- Delivered high-quality remote instruction through individualized and project-based curricula for 7 different courses.
- Collaborated with staff leads and other student instructors by reflecting on and revising course content/strategies.

PROJECTS

Purrfect, *Personal*   June 2020 – Present
- iOS app that introduces and connects users to the exact type of pet that they are looking for.
- Compiles pet data from a wide variety of shelters, local businesses, individuals, and large chain retailers based on user location.
- Incorporates a sleek and intuitive interface that is user-friendly and simplistic.

CelebrityJumble, *Personal*   July 2020
- Twitter bot that scrambles the thoughts of popular celebrities and automatically tweets them on @CelebrityJumble 7 times per day.
- Implemented in Python; utilizes Tweepy, the Twitter API, and OAuth to collect and reproduce tweets.

Weather Scraper, *Personal*   July 2020
- Fetches the current temperature and relevant weather statistics of any US city.
- Scrapes data with GeoPy web services; parses information through Beautiful Soup.

autoTagger, *Signs.com*   March 2020 – June 2020
- Functional Python program that automates and expedites the tagging process for my part-time work.
- Integrates Selenium WebDriver APIs to optimize agent tagging with a 25-33% reduction in process duration.

MindMap, *Y-Hack 2019 at Yale University*   October 2019
- Web application that creates condensed word-map diagrams by transcribing video lectures.
- Utilizes Google Cloud's Speech-to-Text API (through both Python and Java) to extract essential info from uploaded video lectures.

LEADERSHIP

BROWN ENTREPRENEURSHIP PROGRAM   **Providence, RI**
Tech Team Member   October 2020 – Present
- Led a three-part webinar series on web development for startup ventures.
- Perform regular technical upkeep for the entrepreneurship community at Brown.

HACK@BROWN   **Providence, RI**
Publicity & Outreach Team Member   October 2019 – Present
- Established relationships with campus organizations and departments at Brown and 150+ other universities.
- Managed content creation and social media campaigns for 2,000+ followers on Twitter and Instagram.
- Advertised the main event and 6 introductory workshops on programming skills and practices.

THE BONNER COMMUNITY FELLOWSHIP   **Providence, RI**
Bonner Fellow   August 2019 – Present
- Served as a member of a cohort that aims to combine student community engagement with academic and career goals.
- Selected to partner with Providence Public Library in order to deliver technological skills to a total of 450+ adult students.

CITI   **New York, NY**
Freshman Discovery Diversity Program Participant   July 2020 – August 2020
- Engaged in peer networking, creation of case studies, review of business overviews, and practice of technical skills.

OTHER SKILLS & INTERESTS

Language: Native Fluency in Spanish, Professional Proficiency in French.

Interests: Ukulele, Bowling, Hiking/Camping, Soccer, Painting, Reading, Education, Entrepreneurship