

Jordan Idehen

Portfolio: <https://jordanidehen.com> | **Phone:** (339) 927-8703 | **E-Mail:** jordan_idehen@brown.edu

EDUCATION

Brown University, *Sc.B. Computer Science*, 3.7 GPA Providence, RI | **Expected Graduation May 2022**
Relevant Courses: Object-Oriented Programming, Algorithms and Data Structures, Software Engineering, UI/UX, Deep Learning, and Database Management Systems

Beaver Country Day School, 4.0 GPA, **Cum Laude Honors** Chestnut Hill, MA | Class of 2018

WORK EXPERIENCE

Brown University, *Research Assistant for Professor Jeff Huang* Providence, RI | June 2020 – Aug 2020
<https://sochiatrist.cs.brown.edu>

- Full-stack software developer for the Sochiatrist project in the Human-Computer Interaction Lab. Sochiatrist is an app aides clinical mental health research using cues from social messaging data.
- Utilized Python, JS, JQuery, Bootstrap 4, Electron, CSS, and DataTables
- Added several new features to the application including: **customizable data anonymization, statistical anonymization summaries, and compatibility with the Twitter API**
- Identified and resolved **20+** necessary enhancements/bug fixes that were incorporated into the new version of Sochiatrist

OpenLink Software, *Software Engineer Intern* Burlington, MA | May 2019 – Sept 2019
<https://openlinksoftware.github.io/single-page-apps/data-entry-form.html>

- Developed a fully functioning **JAMStack application** that allows users to create, manipulate, view, and analyze RDF-based structured data that adheres to Linked Data Principles.
- Utilized HTML5, Javascript, CSS, RDF, and SPARQL
- Wrote maintainable and extensible code that was easy for other developers to understand and contribute to

PROGRAMMING PROJECTS

Brown Bear Dens, *Full-Stack Developer; Data Engineer* Sept 2019 – Present
<https://brownbeardens.com>

- Created a website to help students navigate the Brown housing process by providing a resource for sorting and filtering through available rooms. So far the website has helped **4,200+ unique users**.
- Programmed in React, Javascript, HTML5, CSS, and SPARQL
- Engineered and queried a housing database using RDF and SPARQL respectively
- Conducted User Testing with Brown University members of the brown community as part of the iterative design process
- Worked in conjunction with the Residential Life administration to improve the student experience with regards to housing

Pandemic, *Full-Stack Developer* March 2020 – May 2020

- Built a strategy based video game simulating the spread of an infectious disease to promote social distancing and compliance with health guidelines.
- Programmed in Java, React, Javascript, HTML5, and CSS
- Collaborated remotely with **4** students across different time zones using GitHub and Zoom
- Implemented a sqlite3 database containing boards, puzzle pieces, and miscellaneous objects to be used in Java code

LEADERSHIP AND VOLUNTEER EXPERIENCE

Brown University, *Teaching Assistant for Professor James Kellner* Providence, RI | Sept 2020 – Present

- Teaching Assistant for Diversity of Life (BIOL0210)
- Communicate effectively and patiently with students to break down difficult material during weekly review sessions
- Provide insightful feedback, constructive criticism, and encouragement while administering and grading exams
- Develop professional relationships with faculty and peers teaching the course and serve as a liaison for **200+** students

William D'abate Elementary School, *Teacher (Volunteer)* Providence, RI | Sept 2018 – Present

- Teacher for the Brown Elementary After-school Mentoring Program (grades K-2)
- Teach classes of **15+** students for two hours once a week
- Develop weekly lessons to engage students in a variety of topics
- Facilitate a collaborative and inclusive learning environment

SKILLS AND INTERESTS

Proficient: Programming - Java, Python, Javascript, JQuery, HTML, CSS
Database - SQL, RDF, SPARQL, JSON, CSV, Knowledge Graphs

Intermediate: React, Node.js, TypeScript, NoSQL, Electron

Design: Figma, Balsamic, Adobe Illustrator, Adobe XD, InVision, Draw.io

Interests: Soccer, Poetry, Cooking