

Daniel Glauber

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EDUCATION

Brown University

Providence, RI

Bachelor of Science – Computer Science

GPA: 3.7; Expected graduation December 2017

- Relevant Coursework: User Interfaces; Software Engineering; Computer Systems; Discrete Structures and Probability; Algorithms and Data Structures; 2D Game Engines

WORK EXPERIENCE

DocASAP

Washington, D.C.

Software Engineering Intern

May 2016 to August 2016

- Integrated DocASAP database hub with external Electronic Practice Management (EPM) APIs to allow for acquisition of healthcare clients that use Athena and Greenway management softwares
- Designed and executed performance testing for the website's front-end, demonstrating the application's capability to handle 1000+ concurrent users (used as proof of concept for client acquisition)
- Wrote a PHP script to perform a database table migration of doctor specialty types, improving the primary front-end landing page for patient users

Brown University Department of Computer Science

Providence, RI

Introduction to Computer Systems Teaching Assistant

May 2016 to Present

- Held weekly lab hours, TA hours, and review sessions open to 200 registered students
- Worked with Professor Tom Doeppner and a team of 35 TAs to develop course curriculum
- Moderated course website: cs.brown.edu/courses/csci0330

Mosaic+, Brown University Tutoring Center

Providence, RI

Algorithms and Data Structures Tutor

January 2016 to May 2016

- Constructed comprehensive lesson plans to help introductory-level students master algorithm and data structure concepts in preparation for their final exam
- Mosaic+: a group dedicated to making computer science a more receptive space for racial minorities

Children's Hospital of Boston

Boston, MA

Data Science Intern – Department of Emergency Medicine

June 2011 to August 2011

- Worked on www.healthmap.org, a site that plots outbreaks in real time across an online map interface
- Compiled a 1000+ entry data set of disease outbreaks to determine which U.S. state is most disease-ridden

LEADERSHIP EXPERIENCE

Google igniteCS

Providence, RI

Classical High School Coding Club Organizer and Mentor

January 2016 to Present

- Designed projects and instructed high school students via weekly club lessons and meetings
- igniteCS: a Google initiative that supports groups of college students who want to make a difference in their local communities through computer science mentoring

ACM Richard Tapia Celebration of Diversity in Computing

Austin, TX

Scholarship Recipient

September 2016

- Attended four-day conference, which aims to connect students, faculty, researchers, and professionals in computing from all backgrounds (funding awarded by the Brown University Diversity Committee)
- Participated in High Performance Computing (HPC) Day with the Department of Energy National Labs

Brown University Hapa Club

Providence, RI

Executive Board Secretary

May 2015 to Present

- Led general body discussion meetings for organization of students of mixed Asian and Pacific Islander descent; attended weekly E-Board meetings; organized events

SKILLS AND INTERESTS

Programming languages and tools: Java, Python, C, Javascript, HTML, CSS, SQL, JMeter, Git, Excel

Interests and hobbies: Olympic weightlifting; developing logic puzzle-based web apps; board games

Example projects available at www.danielglauber.online/#projects