

Daniel Baigel

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<https://danielbaigel.now.sh>

EDUCATION

Tufts University, Medford, MA,

Bachelor of Science in Computer Science, May 2017, **Minor** in Entrepreneurial Leadership

GPA: 3.79 / 4.0, Magna Cum Laude, Dean's List

Academic Awards: Received David W. Krumme Award for Experimental Computer Science

Relevant Coursework: Web Development, Computer Algorithms, Data Structures, Machine Structure and Programming, Cyber Security, Programming Languages, Computational Theory, User Interface Design

SKILLS

Programming Languages: Python, C/C++, Javascript, HTML, CSS, SQL

Web Development: React.js, Node.js, Express, Redux, Webpack, Babel, RESTful APIs

Tools/Libraries: D3, Git, Flexbox, Tableau, Beautiful Soup, Pandas, Text Blob, Zeit Now

EXPERIENCE

Freelance Full-Stack Web Developer, Recover America Fund

March — April 2020

- Developed a full-stack web application to help low credit-score individuals get car loans
- Utilized React, Redux, Hooks, React-Router, MySQL, Express, NodeJS, and REST APIs

Eduhope International, Elementary School English Teacher, China

September 2018 — July 2019

- Taught English weekly to 20 classes of 50 students in a public elementary school in Shenzhen
- Created a curriculum, defined lesson plans, and managed classrooms in both English and Mandarin
- Assisted local non-native English colleagues in developing grammar & vocabulary material

Data Technology Analyst at Keyrus USA

August 2017 — July 2018

- Consultant focused on helping non-profits make better data-driven decisions
- Built Business Intelligence client-facing solutions using Tableau
- Focused on ETL, dashboarding, client management, project management, and data presentations
- Created and carried out on-boarding training for new hires and interviewed candidates

Introduction to Computer Science Teaching Assistant

Fall 2015 – Spring 2017

- Provided instruction in both group and one-one settings to students of varying technical abilities
- Held office hours, led interactive workshops, and graded assignments

PROJECTS – <https://github.com/dbaigel1>

Trust Tracker, d3 Data Visualization — trusttracker.now.sh

January – November 2019

- Built a tool to compare and display the subjectivity and polarity of over 1000 news source headlines
- Implemented Python libraries Beautiful Soup, Text Blob, and Pandas to web scrape news headlines and conduct a sentiment analysis displayed in an interactive scatter plot using Javascript's d3 library

Founder and President of JumboCode Organization

Fall 2015 — Spring 2017

- Founded organization overseeing the development of student software solutions for non-profits in the Boston area
- Delivered 10 successful web/mobile applications to clients in our first two years
- Awarded "New Organization of the Year" at Tufts Student Organization Awards Ceremony, 2017

Co-Founder & Lead Developer, Piinch LLC, iOS Application

Spring 2014 – Summer 2015

- Taught myself Objective-C to develop an iOS application that was available on the App Store.
- Designed and built the UI, conducted user interviews, and amassed over 500 downloads.