

# James Uejio

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## Education

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**University of California, Berkeley, CA**

**Fall 2014 – Spring 2018**

**B.A.** in Computer Science

**Coursework:** Data Structures, Computer Architecture, Discrete Mathematics & Probability Theory, Algorithms, Artificial Intelligence, Operating Systems, Databases

**GPA:** 3.73

**Associations:** Upsilon Pi Epsilon: Nu Chapter Social Chair, Cal Table Tennis Club, UC Jazz Combo

## Skills

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**Programming:** Python, Javascript (ReactJS, D3/C3.js), HTML, CSS, Java, C#, Rails, Flask, cmd/Bash, SQL

**Software:** Git, IntelliJ, Visual Studio, Eclipse, Atom, Logic Pro

## Experience

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**LiveRamp | Full Stack Software Engineer Intern**

**Summer 2017**

- Created full stack redesign of data onboarding dashboard. Implemented reusable toolkit components and set precedence for visualization and dashboard style (ReactJS, C3.js, Redux, Rails).
- Led hack week visualization of LiveRamp internal structure using Google Drive as a database. Includes box and arrows, zoom and info on click, and sandbox mode (Python, D3, Google Drive API).

**University of California, Berkeley | CS 61A Head UGSI**

**Spring 2016 - Present**

- Head TA for intro CS course with over 1800+ students. Teach discussion and lab section, hold office hours, and organize events. In charge of 50+ TAs, 50+ staff tutors, and 300+ academic interns.
- Help scale staff by automating scheduling (Python), reorganizing office hours and staff roles, supporting students on Piazza, adding features to website (Flask), and creating walkthrough videos.

**AppDynamics | .NET Software Engineer Intern**

**Summer 2016**

- Led, managed, and developed the code coverage solution for the .NET APM team.
- Adjusted open source utility and integrated solution into .NET Agent build compilation and installation process (.NET, C#, cmd/Bash, Java).
- Created Slack bot (Python) for interns that automated timesheets and kept track of intern progress.

**Pacific Gas and Electric Company (PG&E) | Safety Intern**

**Summer 2015**

- Created a program (Java) to read through 10+ years of motor vehicle incident data and complaint reports and using key words print out analysis.

## Projects

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**Calendar Analytics**

- Calendar analytics tool to help analyze Google calendars. Users sync accounts and see custom dashboards for each calendar/tag with time interval data aggregates. Built with Django and Angular.

**Syncopation**

- Music project to explore computer generated music. Created music that analyzed transients on typing noises and created melody that matches rhythm exactly. Built using OpenMusic and Lisp.

**Introspection**

- Webapp to help quantify and track mental health. Users type in a diary entry and using Watson API's tone analyzer and D3, visualizes the corresponding emotions. Built using Flask.

**SoundFyre**

- Hackathon project to help underground musicians find other musicians to collaborate with and find a local fan base. People can upload audio and a marker will drop on their geolocation.