

# Ali Ahmed

2310 Piedmont Ave, No 201, Berkeley, California 94704  
+1 (301) 787 2508 | [ali.ahmed@berkeley.edu](mailto:ali.ahmed@berkeley.edu)  
[www.aliahmed.io](http://www.aliahmed.io)

## EDUCATION

### University of California, Berkeley

GPA 3.88

B.A. Honors Double Major: Economics & Computer Science (In Progress)

*Certificate in Entrepreneurship & Technology*

*California Alumni Association Leadership Award (2015, 2016)*

### European Innovation Academy

June 2016 - August 2016

International accelerator program | Nice, France

Worked on Citizen+, civic tech startup allowing individuals to track what bills their representative voted on

## EXPERIENCE

### Archer | Product Manager - Data Acquisition Team

August 2017 - Present

- Nonprofit focused on building technology for open-source investigators to further human security. <https://archerimpact.com/>
- Leading and working with team to scrape, clean and store (wrangle) data from websites using Selenium and PostgreSQL.

### Way2BI | Full Stack Software Engineering Intern

May 2017 - August 2017

- Designed and developed expense tracker mobile application using React Native, Express.js, and Plaid financial services API.
- Created clock, checklist, counter, PDF preview and image resizing for document editor product using React and MobX.
- Refactored investment management software to handle business logic in backend and store modified data in PostgreSQL database.

### CKPantry | Co-founder

October 2015 - April 2016

- Launched an on-demand grocery delivery network for first-year students in Clark Kerr Campus at UC Berkeley.
- Maintained e-commerce platform, from supply chain management to payment processing and tracking finances.
- Spearheaded marketing efforts, acquiring 100+ customers with over 500 deliveries in the first three months.

### SimFi | Co-founder

January 2016 - April 2016

- Used Alexa Web Information Service API to construct graph of innovative fintech companies to create business strategy.
- Created company logo and marketing materials using Adobe Photoshop, Illustrator, and Lightroom. Assisted with pitch deck.

## LEADERSHIP

### SCET Student Association | President

August 2016 - Present

- Manage partnerships with corporate sponsors including Andreessen Horowitz, Microsoft, Facebook, and CityInnovate.
- Coordinated four paid events for sponsors including panels, recruiting, and networking events with 100-300 students in attendance.
- Designed logo, drafted sponsorship package, created pitch deck, and secured Microsoft and CityInnovate as corporate partners.

### Vice Chancellor's Student Advisory Council on Undergraduate Education | Member

August 2016 - Present

- Advise vice chancellor on strategic initiatives for undergraduate education, representing concerns of the campus cs/tech community.
- Projects include new Student Information System (CalCentral Course Enrollment), Golden Bear Orientation, and Transfer resources.

## SELECTED PROJECTS

**Transnational Security Collider:** Javascript (D3) + Python (Flask) + Neo4J application used to visualize terrorist activity on twitter. Gained familiarity with Twitter API. Presented to US Treasury Department - Office of Terrorism and Financial Intelligence.

**Politick:** Citizen+, mobile application with voting on bills. *Developing.*

**Actions:** <http://www.presidentialactions.com/>

**CalExams:** <http://calexams.herokuapp.com/>

**Personal Website:** Built from scratch using HTML5, CSS, JQuery. Contains interactive resume and blog on politics, economics & tech. *In progress - refactoring to React. Check it out!*

**FEC Candidate Contributions:** Used PostgreSQL to examine data on donations to 2016 presidential candidates.

**California Water Usage:** Tied utility company data to zip codes. Hypothesis testing, bootstrapping, confidence intervals for analysis.

## Skills

React	Node.js	HTML	PostgreSQL	Python	Java
React Native	Express.js	CSS	MongoDB	Pandas/Numpy/Scipy	Stack Overflow
MobX	Git	Javascript	Firebase	Scikit-learn	

## RELEVANT COURSEWORK

### Computer Science

CS 61A: The Structure and Interpretation of Computer Programs // A+

CS 61B: Data Structures and Algorithms

CS C8: Foundations of Data Science // A+

CS C100: Principles and Techniques of Data Science

CS 198: Web Design DeCal

### Mathematics

Stat 88: Probability and Mathematical Statistics in Data Science

Math 53: Multivariable Calculus

Math 54: Linear Algebra and Differential Equations

CS 70: Discrete Mathematics and Probability Theory

CS 170: Efficient Algorithms and Intractable Problems

## INTERESTS

Jazz (Alto Saxophonist), Reading The Economist Magazine, Civic Technology, Politics, Finance, Golf