Ali Ahmed

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EDUCATION

University of California, Berkeley — Berkeley, California
Computer Science & Economics **GPA 3.97** — August 2015 - Present
- Certificate in Entrepreneurship & Technology
- California Alumni Association Leadership Award (2015, 2016)

European Innovation Academy — Nice, France
International accelerator program. — June 2016 - August 2016
Founded Citizen+, civic tech startup allowing individuals to easily track what their representative voted on.

EXPERIENCE

CKPantry — Berkeley, California
Co-founder — October 2015 - April 2016
Created an on-demand delivery network connecting residents of Clark Kerr with food supplies.
Developed e-commerce platform, worked on website development, and setup payment processing system.

SimFi — Berkeley, California
Co-founder — January 2016 - April 2016
Used Alexa Web Information Service API to build business strategy and conduct competitor analysis for fintech startup.

Blackstreet Capital Management, LLC — Chevy Chase, MD
Intern — June 2014 - August 2014
Managed correspondence between investors and general partners, prepared tax filings, and reviewed equity reports.
Worked closely with the Chief Compliance Officer, Chief Financial Officer and junior analysts.

SCET Student Association
President — August 2016 - Present
Leverage resources of Berkeley's Sutardja Center for Entrepreneurship and Technology (SCET) to support the entrepreneurship community across campus. Manage partnerships with institutional clients including Andreeson Horowitz, Microsoft, Facebook, and CityInnovate.

Vice Chancellor's Student Advisory Council on Undergraduate Education — August 2016 - Present
Member
Advise vice chancellor on strategic initiatives for undergraduate education.

RELEVANT COURSEWORK

Computer Science

CS 61A: The Structure and Interpretation of Computer Programs
CS 61B: Data Structures
CS C8: Foundations of Data Science
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

SELECTED PROJECTS

Software Engineering

Graph Package: with Make and Trip clients
Ataxx: Two player game with optional AI opponent
Enigma: Designed Java emulation of Turing Machine
Cube: Model-View-Controller architecture
Scheme: Finished Scheme interpreter in Python
Maps: Voronoi diagram, k-means clustering, Yelp academic dataset

Data Science

Transnational Security Collider: *In Progress*
California Water Usage: Hypothesis testing, bootstrapping, and confidence intervals.
Death Penalty & Crime Rates: Resampling techniques to gather data. Observational study.

Skills:

Python	**HTML**	**Pandas**
Java	**CSS**	**NumPy**
LaTeX	**JQuery (Javascript)**	**Git**

Miscellaneous

Personal Website: Built from scratch using HTML5, CSS, JQuery.
Contains interactive resume, more about me, and a blog covering tech.
Check it out! www.aliahmed.io