

# JAKE CUI

[www.jakecui.com](http://www.jakecui.com) | [jake\\_cui@college.harvard.edu](mailto:jake_cui@college.harvard.edu) | (703) 975 5578

## EDUCATION

### Harvard University

Cambridge, MA

*Bachelor of Arts in Computer Science, Secondary in Statistics*

May 2020

**GPA:** 3.81/4.0; **Clubs:** Harvard Innovation Lab (Entrepreneur), Harvard College Entrepreneurship Forum (Board Executive), Harvard Radcliffe Asian American Association (Director of Technology), Harvard Digital Literacy Project (Director of Community Outreach), Harvard Ventures, Harvard Bioethics Club

**Relevant Coursework:** Artificial Intelligence (CS182), Probability Theory (Stat110), Theoretical Comp Sci (CS121)

### Thomas Jefferson High School For Science And Technology

Alexandria, VA

*Advanced Placement Diploma*

August 2016

**GPA:** 4.44/4.0 **SAT:** 2340 (R: 800; M: 800; W: 740); **Rank:** Top 5%

**Clubs and Activities:** Research Science Institute (RSI), Biotechnology Club (President), Science Olympiad (Co-Captain)

## EXPERIENCE

### Zonvon Ventures

New York, New York

*Summer Analyst, Entrepreneur in Residence*

June 2017 – Present

- Analyzed and interpreted market trends in areas relevant to potential portfolio companies, specifically focusing on artificial intelligence, biotechnology, virtual reality, and consumer technologies
- Critiqued and performed exhaustive due diligence on ~50 early-stage investment opportunities by evaluating pitches, reviewing slide decks, and following up with high potential investment candidates
- Built and organized an updated version of the company website
- Currently acting as an entrepreneur in residence, evaluating incoming startups

### Geosure Global

New York, New York

*Machine Learning Intern*

May 2017 – Present

- Developed a novel artificial intelligence pipeline that performs natural language processing via logistic regression to analyze sentiment in news/media realtime
- Constructed business plans and product feature outlines to be shown to potential investors
- Optimized machine learning pipeline's runtime and API call cost via independent research on existing webscraping services

### CureForward Inc

Cambridge, MA

*Product Management/Strategies Intern*

June 2016 – August 2016

- Designed mockups and user stories with a team of ~10 software engineers to create a minimally viable product
- Analyzed user data in SQL and Excel, optimizing product features to better meet customer demand

### Boston Children's Hospital – Harvard Medical School

Cambridge, MA

*Machine Learning Research Intern*

June 2015 – August 2015

- Independently developed a Bayesian classifier to identify protein binding regions on potential drug targets with ~80% accuracy

## LEADERSHIP AND ACTIVITIES

### Janus News

Cambridge, MA

*Co-Founder and CEO*

December 2016 – Present

- Developed a novel news article bias detection/clustering algorithm, utilizing machine learning and natural language processing
- Accepted into Harvard College's official startup incubator, the Innovation Lab, as a member of the Venture Incubation Program (VIP)
- Managing and leading a team of three undergraduate Harvard students

## SKILLS & INTERESTS

**Technical:** C, Python, Java, OCaml, R, SQL, Web Design (HTML, CSS), MATLAB, Machine Learning/Artificial Intelligence (Deep Learning and Traditional), Financial Modeling

**Interests:** Basketball, chess, emerging technologies, bioethics