

# Ajaypal Singh

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## EDUCATION

### California State University East Bay

Class of 2018

BS in Computer Science and Mathematics

- Relevant Coursework: Data Structures and Algorithms, Analysis of Algorithms, Object Oriented Programming, Programming Languages and Database Architecture
- Activities: Computer Science and Engineering club

## EXPERIENCE

### ClickTime | DevOps Intern / HelpDesk

2016 – Present

Increased Continuous Integration deployment time by distributing tasks on AWS instances

- Monitored the health of systems and performance using App Dynamics
- Configured Jenkins to run full QA regression test suite once Git branch is merged
- Learned about Redis open source software and how it can improve application performance
- Added users to Active directory groups and gave me permissions

### Team USA Field Hockey | Athlete

Actively Competing to secure a spot in the 2020 Tokyo Olympics

2008 – 2015

- Silver medal in Pan American Games (Junior Olympic Qualifiers)
- Test series against Argentina, Mexico, Chile, Canada

## PROJECTS

### Twitter Analysis tool

Command line tool that scraps tweets and classifies them by sentiment

- Parse data into usable text for analysis
- Sentiment analysis is run on each tweets in order to group them based on subjectivity and polarity
- Python, OAuth2, TextBlob, Tweepy

### Note-Taking Web Application

Emulates leaving notes on a refrigerator door

- Add/Delete/Modify current notes on refrigerator door
- Enable users to enter notes in markdown text
- Node.js, Express, HandleBars, HTML, CSS, NeDB

## Languages and Technologies

- Proficient in: C++
- Intermediate: Java and Python
- Frontend Skills: HTML, CSS, JavaScript/Node.js
- Databases: SQL and MySQL