

# Christopher Jereza

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## EDUCATION

**University of California, Berkeley** CLASS OF 2020

**BACHELOR OF ARTS, COMPUTER SCIENCE**

Major GPA: **3.61** Cumulative GPA: **3.52**

Coursework:

Data Structures & Algorithms

Database Systems

Artificial Intelligence

Computer Security

Efficient Algorithms & Intractable Problems

Linear Algebra & Differential Equations

Discrete Math & Probability Theory

Interpretation of Computer Programs

## EXPERIENCE

**SOFTWARE ENGINEERING INTERN**

June 2018 - August 2018

**BLOOMBERG LP** | [Equity Corporate Actions team](#)

- Designed, built, and deployed a client-facing Natural Language Search functionality for the Bloomberg Terminal (~3000 user hits/day)
- Optimizes user workflow efficiency by allowing users to search for IPO deals with specified deal components and criteria in an English natural language query
- Developed full-stack with Python, Javascript (RAPID), and Bloomberg services
- Coordinated multiple teams across departments as a project manager

**SOFTWARE ENGINEERING INTERN**

June 2017 - August 2017

**AMAZON** | [Marketplace Fulfillment Network team](#)

- Created Alexa functionalities that allow Amazon third-party Sellers to engage with their Seller Central accounts via a Voice User Interface
- Utilized AWS Lambda server-less architecture, Marketplace Web Services (MWS) APIs, DynamoDB (database), and Node.js

**SALESFORCE DEVELOPER**

October 2016 - November 2017

**IPIRA** | [Software Development team](#)

- Developed an online Invention Disclosure Portal, which automates the process by which intellectual property data is submitted, processed, and loaded into our Salesforce database
- Currently used by over 100 world-class inventors
- Reduced median time for completing and processing disclosures to 3 hours
- Features include: automatic PDF and email generation, collaborative editing workflows, and controllers that handle automated Salesforce administration

**UAT INTERN**

June 2015 - August 2015

**SF DEPT. OF TECHNOLOGY** | [Business Portal Development team](#)

- Assisted in the front-end design of the SF Business Portal, a government digital service that assists San Francisco residents with starting small businesses

**ACADEMIC INTERN**

January 2017 - May 2017

**UC BERKELEY COLLEGE OF ENGINEERING** | [CS61A, CS61B](#)

- Taught students at staff office hours and labs for UC Berkeley's "Data Structures and Algorithms" and "Interpretation of Computer Programming" courses.

## SKILLS

**PROGRAMMING LANGUAGES:**

Python

Java

JavaScript / Node.js

C / C++

HTML / CSS

Scheme / Lisp

SQL / SOQL

Apex / Visualforce markup

**OTHER:**

Unix

Git

Amazon Web Services

Pentaho Data Integration

Salesforce Data Loader

Force.com platform

Adobe Creative Cloud

Music production

Photography / Design

Teaching / Education

## PROJECTS

**ATAXX:**

A virtual simulation of the board game Ataxx, including an AI with various difficulty levels

**ENIGMA:**

A text encryption program replicating the WWII Enigma machine

**PATH-FINDING API:**

An API with implementations of Graph data structures and heuristic search algorithms; designed for use with maps and trip-planning programs