

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

BLOOMBERG LP

JUNE 2018 - AUGUST 2018

SOFTWARE ENGINEERING INTERN | Equity Corporate Actions team

- ▶ Designed, developed, 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

AMAZON

JUNE 2017 - AUGUST 2017

SOFTWARE ENGINEERING INTERN | Marketplace Fulfillment Network team

- ▶ Programmed 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

IPIRA

OCTOBER 2016 - NOVEMBER 2017

SALESFORCE DEVELOPER | 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 email sending, report generation, collaborative editing workflows, and automatic configuration of

SF DEPARTMENT OF TECHNOLOGY

JUNE 2015 - AUGUST 2015

UAT INTERN | Business Portal 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

UC BERKELEY COLLEGE OF ENGINEERING

JANUARY 2017 - MAY 2017

ACADEMIC INTERN | 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
HTML / CSS
SQL / SOQL
C / C++
Apex / Visualforce
Lisp

OTHER:

Unix
Git
Amazon Web Services
Force.com platform
Music production
Photography / Design
Teaching and 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