CURTIS LIN

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EDUCATION

University of Colorado at Boulder   May 2019

Bachelor's Computer Science
Bachelor's Business Administration

- ***Technical GPA –*** 3.7
- ***Coursework:*** Algorithms, Data Structures, Principles of Programming Languages, Artificial Intelligence, Computer Systems, Discrete Structures, Data Science, Dynamic Algorithms for Molecular Biology

EXPERIENCE

Zayo Group, Boulder, Colorado   June 2019-Present

Junior Application Developer

- Automated database interactions between Salesforce and Oracle to increase the efficiency and workflow of financial teams
- Created a Python-based email-classification microservice using machine learning to automatically label and sort emails for the Accounts Payable team
- Helped in front-end and back-end development of a a full-stack Node.js application served with React for the Zayo Accounts Payable team to drastically increase workflow
- Developed and collaborated on code for Zayo's internal Salesforce database to respond to the needs of internal needs across teams using Apex

University of Colorado at Boulder, Boulder, Colorado   January 2019-May 2019

Course Assistant – CSCI 3202 Artificial Intelligence

- Provided support for students who have questions about artificial intelligence course material
- Assisted instructor with planning of course materials, activities, and other projects regarding the class
- Provided guidance for student questions via written explanations through email and Piazza class forum

Summer Springboard, Berkeley, California   June 2018-August 2018

CS Teaching Assistant

- Taught introductory Computer Science classes to college-bound students
- Helped students design mobile applications using MIT App Inventor and Thunkable
- Led coursework and projects that introduced the fundamentals of Computer Science and programming
- Organized onsite visits and tech talks at Google, Raspberry Pi, Google San Francisco, and Thunkable

RECENT PROJECTS

- ***Olfactory Search Strategy Simulations:*** https://bit.ly/2WsF9L9 – Simulated a target (human) with an odor moving on a path and an agent (dog) who searched for the target using different methods to find an optimal search strategy.
- ***Sudoku Solver:*** https://bit.ly/2V9BY7m **–** Implemented a backtracking search algorithm to solve randomly generated Sudoku puzzle boards
- ***Search Engine –*** Created a search engine based on the vector space model of information retrieval; used the cosine angle between the query and document vectors as a measure of similarity

VOLUNTEERING

Horizons Summer Enrichment Program, Denver, Colorado

- Volunteer for Horizons Summer Enrichment Program, a non-profit organization that provides an educational summer experience for underprivileged students in elementary and middle school
- Led small group and individual classroom curriculum for English, Reading, and Math

SKILLS

- Programming: Python, Apex, JavaScript
- Technologies: Heroku, PostgreSQL, Flask, Kafka, React, Redux

ADDITIONAL INFORMATION

- Languages: Chinese, Spanish
- Interests: Basketball, Dancing, Skiing
- Winner of the 2013 CSMTA concerto competition for violin