Christine Chen

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EDUCATION

University of California at Berkeley|Computer Science & Cognitive Science **August 2014 - May 2018**
Class: Senior   Berkeley, CA

TECHNICAL SKILLS

- Python
- Java
- C
- Swift
- SQL
- HTML/CSS

RELEVANT COURSEWORK

- Efficient Algorithms and Intractable Problems
- Introduction to Database Systems
- User Interface Design and Development
- iOS Development
- Introduction to Artificial Intelligence
- Discrete Mathematics and Probability Theory
- Machine Architecture
- Data Structures
- Linear Algebra and Differential Equations
- Structure and Interpretation of Computer Programs

SELECTED PROJECTS

Gitlet
- A version control system much like git implemented through Java
- Functionalities include add, commit, remove, log, global log, find, status, checkout, remove branch, reset, and merge

DogeSitter (iOS Game)
- Worked with a partner to implement 3 separate mini games using SpriteKit framework on the iOS platform
- Programmatically designed games using Swift which are scalable to various devices

Database
- Using java, implemented a file management system, B+ tree structure, various join algorithms, a cost-based query optimizer, and concurrency control manager with deadlock prevention

PREVIOUS EMPLOYMENT

Intuit   **May 2017 - Present**
Quickbooks Data Ingestion Software Development Intern   Mountain View, CA
- Formulate a log parser that extracts crucial data and statistics from the data batch ingestions logs using Python. A user friendly UI was created to display information to analysts utilizing frameworks including Flask, SQLAlchemy, Bootstrap, and HiCharts.

oopSee   **January 2017 - June 2018**
Software Development Intern (Android Dev)   Santa Cruz, CA
- Contribute to a specialized, intelligent personal assistant for training and guidance during real life activities through a voice interface

iOS Development   **August 2016 - January 2017**
Teaching Assistant   Berkeley, CA
- Teach and support 100+ students the basics of iOS Programming, helping students learn the skills needed to make and push apps to the AppStore

Private Tutor   **September 2011 - Present**
- Teach basic python, science, and math lessons: pre-algebra, pre-calculus, calculus