

JAMIE NI

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EDUCATION

University of California, Berkeley, Berkeley, CA

Aug. '14-May '18

Computer Science B.A., Economics B.A.

CS Coursework: CS 61A – The Structure and interpretation of Computer Programs, Math 54 – Linear Algebra and Differential Equations, CS 70 – Discrete Mathematics and Probability, CS 61B – Data Structures, CS61C – Great Ideas in Computer Architecture

Economics Coursework: Econ 1 – Intro to Economics, Stat 21 - Intro to Probability and Statistics for Business, Econ 100A – Economics Analysis (Micro)

Diamond Bar High School, Diamond Bar, CA

Aug. '10-May '14

Languages: Python, Java, C, HTML/CSS, Mandarin Chinese

Skills: Video Editing (iMovie, Final Cut Pro, Sony Vegas Pro), Microsoft Office Suite (Word, Excel, PowerPoint)

WORK EXPERIENCE

Front Desk Personnel, Bancroft Hotel, Berkeley, CA

June '15 – Aug. '15

- Responsible for handling front desk reception and administration duties
- Executed new and efficient system for booking room blocks

Software Engineering Intern, UCLA Institute for Technology Advancement, Los Angeles, CA

June '13 – Aug. '13

- Created a Java GUI that converted paper medical forms into electronic forms for the UCLA Medical Center
 - Electronic form creates reports with the inputted data that can be printed or saved as a PDF
 - Experimented with accelerometer and analyzed the data the accelerometer produced
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PROJECTS

Gitlet, a tiny version of the version control version, git | Java

- Implemented the basic commands of git: init, add, commit, log, status, find, checkout, etc.

Lines of Action, an iteration of a game of checkers | Java

- Wrote methods to implement the game of LOA, which included methods for rules of the game
- Implemented an artificial intelligence algorithm that would complete a full game of LOA in the smallest number of moves possible.
- Created a playable GUI for the game

db61b, a miniature relational database management system similar to SQL | Java

- Wrote methods for the statements: create table, load, insert, select (with conditions)

Scheme Interpreter | Python

- An Interpreter that reads and evaluates Scheme expressions
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LEADERSHIP

Education Chair, Google@Berkeley, Berkeley, CA

Oct. '15 - Present

- Provide a personal and professional development for the students and staff related to technology, Google products, and innovation.
- Educate students about how to effectively use Google products through workshops and demonstrations

Treasurer, CS Kickstart, Berkeley, CA

Oct. '14-Present

- Responsible for handling finances and create budget spreadsheets
- Act as a liaison with ASUC

Corporate Committee, Society of Women Engineers, Berkeley, CA

Sept. '14-Dec. '15

- Part of the Shadow an Engineer Subcommittee (SAE)
 - Organize SAE program, in which members can shadow an engineer in their desired fields
 - Contact companies to ask if they would like to participate in the program
 - Advertise program by creating flyers
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ACTIVITIES

Site Leader, Berkeley Project, Berkeley, CA

Nov. '14- March '15

- Contact site coordinating director and arrange a meeting to discuss logistics of what needs to be done before and on Berkeley Project Day

Web Committee Member, Berkeley Project, Berkeley, CA

Sept. '14-Jan'15

- Implement front-end design and manage the website in Django

Participant, CS Kickstart, Berkeley, CA

Aug. '14

- A week-long program, in which students get a head start on programming