

# Yuen Mei Wan

2535 College Avenue, Apt 203 | Berkeley, CA 94704 | +1 (310) 334-9416 | wanyuenmei@gmail.com

## EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY | MAY 2016

GPA: 3.51

B.A. Computer Science

### Relevant Coursework

Completed: Data Structures (A), Calculus (A), Discrete Mathematics and Probability Theory (A-), The Structure and Interpretation of Computer Programs, Linear Algebra and Differential Equations

In Progress: Machine Structures, Efficient Algorithms and Intractable Problems

**Programming Skills:** Java, HTML, JavaScript, CSS, Ruby on Rails, Python, Scheme, SQL, LaTeX, Git

## SELECTED PROJECTS

### GRAPH API, MAKEFILE COMPILER AND TRIPFINDER CLIENT

Java

- Programmed a package for traversing graph structures, including depth/breadth first traversals and Dijkstra's Algorithm.
- Implemented a basic makefile compiler and a trip finder client that utilized A\* Search using the graph package API.

### SIMPLE RELATIONAL DATABASE

Java

- Created a relational database by implementing several different classes based on a restricted dialect of SQL to store tables.
- Implemented strategies to account for condition clauses and multiple tables select options, and to return restricted tables.

### JUMP 61

Java

- Coded a basic simulation of the "Jump" board game, including an AI player using Alpha Beta pruning and minimax trees.
- Designed a basic GUI utilizing Berkeley specific APIs that included options for board size and human/AI players.

### LINKEDIN DATA SCRAPING

HTML, JavaScript, LinkedIn API

- Utilized LinkedIn API to create an application that retrieves data from company profiles based on company name and ID.
- Learnt how to use the File API to create a webpage that would accept .csv files to iterate through the API.

### PERSONAL WEBSITE ~ IN PROGRESS

HTML, JavaScript, CSS

- Designing and creating a dynamic website that will display my resume, achievements, projects, ideas and thoughts.

## PROFESSIONAL EXPERIENCE

### ALPHA KAPPA PSI PROFESSIONAL BUSINESS FRATERNITY | BERKELEY, CA

FEB. 2014 – PRESENT

*Academic Director, Corporate Relations Director, Pledge Class President*

- Redesigned the fraternity website using HTML, JavaScript and CSS, and rebuilt the backend using Ruby on Rails.
- Managed the fraternity website, forum, and organized an online electronic test bank for the active body's ease of access.

### GAINSIGHT | MOUNTAIN VIEW, CA

JUN. 2014 – AUG. 2014

*Business Operations Intern*

- Conducted research for new verticals to identify product-market fit and created Mekko charts to show key target segments.
- Tested software for mass mailing campaigns and analyzed results to determine effectiveness of personalization.

### PRICEWATERHOUSE COOPERS | KUALA LUMPUR, MALAYSIA

MAR. 2013 – JUL. 2013

*Advisory Operations and Finance Intern*

- Created consulting competency framework for the entire Performance Improvement division of approximately 130 people.
- Conducted risk and governance work for a non-profit organization by analyzing and working with 10,000+ lines of Excel.

## AWARDS

*International Baccalaureate Diploma*

- Received a score 39 out of 45 in the world-renowned IB Diploma, 9 points above the average, top 14% globally.

*Australian Mathematics Competition*

- Top 2% in the nation in the premier mathematics competition hosted by the Australian Mathematics Trust.

## SKILLS AND INTERESTS

**Skills:** Salesforce, Microsoft Office, CrowdFlower, Elance-oDesk, Toutapp

**Language:** Proficient in Mandarin Chinese, Elementary in Cantonese Chinese, Bahasa Malaysia, and Japanese

**Interests:** Endurance Running, Travelling, Yoga, Piano, Chinese Harp (Gu Zheng), TechCrunch, Macrumours, Gizmag