



KEVIN M. LEE

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EDUCATION

Computer Science — **University of California Berkeley, Class of 2016**

GPA: 3.5

2013 - Dean's Honors

CS174 Discrete Probability

CS162 Operating Systems

CS170 Algorithms

CS164 Compilers

CS188 Artificial Intelligence

CS168 Networking

CS70 Discrete Mathematics

WORK EXPERIENCE

Software Engineering Intern, IBM

Summer '14

Created an application for analyzing and visualizing IBM Endpoint Manager usage data for 20,000 customers with 100+ clients each. JS full stack with **Express**, **Angular**, **D3**.

Quality Assurance Engineer, Student Affairs Information Technologies
Summer '13-Fall '14

Performed QA testing on **Google Web Toolkit** applications developed for the Office of Undergraduate Admissions. Developed automated testing framework with **Selenium**/JUnit and wrote technical specifications.

Research Assistant Intern, Stanford University Math Department
Fall '11-Summer '12

Worked with gene expression microarrays in the **R** statistical programming language. Developed graphical user interfaces for software designed to analyze "big data" and bioinformatics datasets.

ACTIVITIES

VP of Technology, Innovative Design
Fall '12-now

Handle development for innovativedesign.club/. Also leading a design team and working with clients to develop branding and assets. Developed kevinmlee.io/marketing/, assisted in internal club branding.

Research Assistant, Prof. Carlo Sequin's Lab
Fall '14

Algorithm and CAD work generating mathematical knot sculptures.

PROJECTS

SummonerSync.com

[DoubleJumper](#)

[pork](#)

LoL analytics and stats | melonJS HTML5 game | zork in Python with NLP

16bit 2-stage MIPS CPU | Perceptron Pacman AI | scheme interpreter

MapReduce text analysis | SSE image convolution

SKILLS

Web frontend



Server admin



C / Unix



Graphic design



Test automation



Python



Backend / NodeJS



Git



NoSQL / SQL

