

# Toni Lee

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## EDUCATION

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### UNIVERSITY OF CALIFORNIA - BERKELEY

*Cognitive Science & Computer Science*

**Berkeley, CA**

*Expected to Graduate in Fall of 2017*

**Relevant Coursework:** Efficient Algorithms and Intractable Problems (CS 170), Artificial Intelligence (CS 188), Computer Architecture and Topics in Parallelism (CS61C), Data Structures and Object Oriented Programming (CS61B), Structure and Interpretation of Computer Programs (CS61A), Discrete Mathematics and Probability Theory (CS70), Practical Programming (CS98), Computational Modeling of Cognition (CS 131)

**Extracurriculars:** Division I Rowing at Cal (2013~2014)

## EXPERIENCE

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### Software Engineering Intern

*Summer 2016*

*Zuora, Inc.*

- Designed, documented, implemented, pitched, and deployed a Salesforce package requested by several customers of Zuora, Inc.
- Implemented in APEX and Visualforce, using REST and SOAP API, as well as Zuora API.

## PROJECTS

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### Gitlet

*December 2015*

*Java*

- Implemented Gitlet, a version control system mimicking the features of git, in Java
- Core features intact, including commits, merging, rebasing, and remote server backup
- Used Java's Serializable interface to maintain object state over multiple runs of the program, and SHA-1 for file differentiation

### Personal Website (ToniLeeAtCal.com)

*June 2016*

*HTML, Django, Bootstrap*

- Created a personal website using Django and bootstrap

### Relational Database Management System

*October 2015*

*Java, SQL*

- Implemented a miniature DBMS that stores tables of data consisting of student information
- Implemented inserts, loads, and selects to respond to SQL commands

### Pipelined CPU Implementation

*March 2016*

*Logisim, MIPS*

- Implemented a functional 32 bit 2-stage pipelined processor in Logisim
- Wrote a 2-pass Assembler translating MIPS ISA to machine code
- Wrote and debugged the Linker with MARS

## SKILLS AND INTERESTS

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### • Programming Languages

Highly Proficient in (3000+ lines): Java, Python, APEX, HTML, JavaScript, C, Swift2

Proficient in: Scheme, MIPS, MySQL, Objective-C

- **Tools:** Git, UNIX, Vim, gdb, SalesForce Development, MARS/Eclipse/IntelliJ/MavensMate,
- **Technologies:** Django, Apache Spark, Hadoop, MapReduce, Parse, Google Maps/Facebook API, Bootstrap
- **Interests:** Sports, Travel, Cooking, FIFA
- **Spoken Languages:** English(First), Korean(Fluent)