

Toni Lee

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EDUCATION

UNIVERSITY OF CALIFORNIA - BERKELEY

Cognitive Science & Computer Science

Berkeley, CA

Expected to Graduate in Fall of 2017

Relevant Coursework: Artificial Intelligence (CS188), 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)

Extracurriculars: Division I Rowing at Cal (2013~2014), Scholarship Chair of Tau Kappa Epsilon Fraternity

PROJECTS

Gitlet

Java

December 2015

- Implemented Gitlet, a version control system mimicking the features of git, in Java

Relational Database Management System

Java, SQL

October 2015

- Implemented a miniature DBMS for managing student information

GymBuddy

Swift 2

February 2015~

- Currently developing GymBuddy, an iOS9 application that connects users looking for workout/running partners based on location and workout schedules.
- Webhosting experience through Parse, as well as migration into AWS

Pipelined CPU Implementation

Logisim, MIPS

March 2016

- Implemented a 2-stage pipelined processor in Logisim
- Supports the MIPS ISA

HARBOR Prototype

Java

April 2016

- Prototype of the HARBOR internal database structure
- Use of Hadoop for parallelized structure

SKILLS AND INTERESTS

- Programming Languages**

Highly Proficient in: C, Java, Python, Swift2, Scheme, MIPS

Proficient in: MySQL, JavaScript, Objective-C, HTML, CSS

- Tools:** Git, Vim, gdb, OpenMP, MARS/Eclipse/IntelliJ

- Technologies:** Django, Apache Spark, Hadoop, MapReduce, Parse, AWS, Google Maps/Facebook API, Bootstrap

- Interests:** Sports, Travel, Big Data, VR Technology