

# Michael Chen

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## Education

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**University of California, Berkeley – Berkeley, CA**  
Bachelors of Arts in Computer Science, GPA: 3.662

**August 2014 – Present**  
Expected Graduation: May 2018

### Relevant Courses Completed or In Progress

- Structure and Interpretation of Computer Programs
- Data Structures
- Introduction to Ruby on Rails
- Linear Algebra and Differential Equations
- Introductory Physics
- Machine Architecture
- Discrete Mathematics and Probability Theory
- Introduction to Artificial Intelligence
- Efficient Algorithms and Intractable Problems

## Experience

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### Software Engineering Intern - RFID4U

**May 2015 – September 2015**

- Developed an iOS app with RESTful APIs for backend data storage and barcode reading libraries that empowered our customer to smooth out daily business processes and boost business efficiency
- Conducted hardware testing on RFID devices
- Created, further developed, and tested both Android and iOS apps that use NFC and RFID devices to help manage data and supply chain processes

### Independent/Personal iOS Development

- Created mobile app for bill splitting that processes items in the picture of a receipt through Optical Character Recognition and allows users to select specific items to partition among different people
- Wrote a mobile game app focused on reaction time to recognizing pictures shown on screen in succession
- Developed a mobile textbook exchange app that enables students to buy and sell textbooks in a convenient mobile setting

### Other Software/Hardware Projects

- Used Python to develop an interactive Scheme code interpreter
- Developed a Java-based version-control system for text files (a personally implemented version of Github), tested through JUnit testing
- Wrote an assembler in C that converts MIPS assembly code to machine language
- Created a fully functional virtual CPU through the use of Logisim

## Skills

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### Programming Languages

- Java (including JUnit testing), Python, Objective-C, Ruby on Rails, Swift, C

### Other

- Fluent in Chinese, skilled with Github, hardworking, team player, communicative, eager to learn

## Achievements

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### Coding Competitions/Hackathons

- Took 4th place in 2015 UCSC Hackathon
- Participated in 2015 UCSB Hackathon

### DACA National Swim Team

**August 2010 – May 2014**

- Developed understanding of the hard work and diligence necessary to achieve success
- Competed at Speedo Junior National Championships