

# Ryo Mayes

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## Education

UC Berkeley (May 2017)  
Bachelor of Arts in Cognitive Science, Minor in Computer Science

## Experience

### UC Berkeley Student Affairs Information Technology

- + Lead Desktop Engineer (November 2015 - Present)
- + Desktop Engineer (April 2015 – November 2015)
  - > Manage over 1,500 staff computers in UC Berkeley SA-IT with technologies including Microsoft's Active Directory and IBM's BigFix
  - > Write scripts, create software deployment packages and oversee large-scale projects affecting customer workstations
  - > Supervise and delegate responsibilities to 3 other members of the Desktop Engineering team

- + Residential Computing Consultant (August 2014 - April 2015)
  - > Provided technical support to over 1,000 students and faculty living in campus housing
  - > Gave presentations to residential units about web safety and the importance of information security

### The Daily Californian

- + Projects Developer (February 2016 - Present)
  - > Develop interactive graphics and news applications
  - > Write stories for the the online edition of The Daily Californian, which gets 80,000+ page views per month

### Solano Labs

- + User Experience Consultant (August 2014 - December 2014)
  - > Redesigned the new user onboarding process of Solano Labs' developer-targeted SaaS platform with Berkeley Innovation
  - > Researched competitors and surveyed 20+ DevOps professionals

## Projects

**Graph Package:** Wrote a general Java library package that provided facilities for manipulating graphs; implemented a client trip finder that outputted directions for the quickest route between two destinations  
**Processor Design:** Converted MIPS to IDA assembly language and built a processor using Logisim  
**Scheme Interpreter:** Wrote a fully-functioning Scheme language interpreter in Python  
**Database Management System:** Created a relational database management system in Java that responded to simple queries

## Clubs

Cal Club Tennis (August 2013 - Present)

- > Social chair
- > Created and maintain californiaclubtennis.com
- > 2014 and 2015 USTA TOC National Champions

Berkeley Innovation (Fall 2014)

- > Worked in a 3-person team to do pro-bono UX consulting for startups

SUPERB (Fall 2013)

- > Photographed SUPERB's concerts, sneak peeks and comedy nights

## Skills

Proficient in: Python, Java, HTML/CSS, D3.js, git

Experience in: C/C++, Scheme, bash, PowerShell, Javascript, MySQL, JQuery, Adobe Photoshop and Illustrator

Exposure to: VBScript, Ruby on Rails, PHP, Angular.js, Apache Spark and Hadoop

## Interests

Tennis, traveling, food, homebrewing, data visualization, education, HCI