

# 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 2 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

### 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, git

Experience in: C/C++, Scheme, bash, PowerShell, D3.js, Javascript, Adobe Photoshop and Illustrator

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

## Interests

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