

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, 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