

# Roger Zou

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## EDUCATION

**Harvard University** · B.A. in Computer Science

**Cambridge, MA**

2013 – 2017

## PROJECTS

### Track This Moment

*iPhone App*

- Persistent timer tracks activities in real-time. Works even if app terminated.
- Schedules to user's default calendar. Built-in activity log aggregates events.
- Customizable AutoFill options keep labels consistent.
- Reminders via optional local notifications. Alert shows if app already active.
- Custom design of UI, UX, App Icon (Photoshop)

### Save

*Personal Finance*

- Organizes and budgets user's finances, queries info into MySQL database.
- Graphically displays spending over time.
- Ability to create user profile verified by email and export data via Dropbox.

### Phylogenetic Trees

*Modeling Evolution*

- Implemented Hirschberg and Levenshtein algorithms to calculate string metrics
- Computes similarity values based on algorithm results, creates binary phylogenetic tree according to those.

## EXPERIENCE

### Harvard Computer Society

**Cambridge, MA**

*Social Chair*

2013 – Present

- Led internal IT reorganization of Request Tracker, backlog clearance.
- Firm grasp of hypervisors, NFS, HCS systems infrastructure.

### San Ramon Teen Council

**San Ramon, CA**

*PR Chair, Social Media Group Teen Liaison*

2010 – 2013

- Aided design of City's current Social Media Policy on Twitter, PeakDemocracy. Pushed for Facebook, Pinterest integration.

### Harvard Yearbook

**Cambridge, MA**

*Layout and Business Board*

2013 – Present

- Designed innovative templates with Adobe Photoshop and Indesign

## AWARDS

Presidential Volunteer Service Award – Silver Certifying Organization

**Feb. 2012**

National Merit Finalist

**Feb. 2013**

## TECHNICAL SKILLS

**Experienced with:** Objective-C, Python, HTML/CSS, Ocaml, Javascript, Linux/Unix, C, PHP, Vim