

Roger Zou

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EDUCATION

Harvard University · B.A. in Computer Science
Cumulative GPA: 3.67

Cambridge, MA
2013 – 2017

PROJECTS

Track This Moment

iPhone App

- Persistent timer tracks activities in real-time. Works even if 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

Social Chair

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

Cambridge, MA
2013 – Present

San Ramon Teen Council

PR Chair, Social Media Group Teen Liaison

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

San Ramon, CA
2010 – 2013

Volunteers for Senior Citizens

Founder, President

- Created hundreds of innovative activities across various senior centers.

San Ramon, CA
2009 – 2013

AWARDS

Presidential Volunteer Service Award – Silver Certifying Organization
National Merit Finalist

Feb. 2012
Feb. 2013

TECHNICAL SKILLS

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