

Roshan Ramankutty

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Relevant Experience

Tzeak, LLC

Co-founder

Pleasanton, CA

April 2015–Present

- Head a small technology consultant company as a traveling freelancer
- Learned how to manage burn-rate of a company and maintain multiple project management suites
- Current project: Implementing ML Platforms like Apache PredictionIO and Salesforce Einstein for supply chain management

LendingClub

Associate Software Engineer

San Francisco, CA

August 2016–November 2017

Lending Club is a peer-to-peer personal online loan service. I worked on the Personal Borrower Team, as well as on multiple solo projects.

- Built internal tools for the company to reduce developer burnout resulting in a reduction of on-call work by 20% by volume
- Solo built multiple services aimed to expand borrower acquisition channels by 1% - estimated value credit for 1200 people per quarter and growing
- Coordinated with designers, security teams, and outside partners to help bring better credit card refinance tools to borrowers
- Built a tool to manage Dev/QA automation for non-technical actors like the executive staff, designers, and Project Managers
- Mentored new hires over the course of two weeks in pair-programming exercises, bringing our application to production within two sprints

VillageTech Solutions

Volunteer Developer

Menlo Park, CA

July 2015–September 2016

VillageTech Solutions is a social enterprise based in Nepal providing aid to Nepali schools. We developed lesson-planning software for Looma, VillageTech's frugal all-in-one computer.

- Taught team how to use tools like LaTeX (used for this résumé!), git/github, and MongoDB
- Organized bi-weekly team meetings and deliverables with VillageTech Solutions and the team
- Learned HTML/CSS and Javascript to provide support for Web Engineers on the project - resulted in teaching team some modern web design concepts

Projects and Additional Experience

Exercises in Philosophy of the Mind

Independent Research

San Francisco, CA

2017–2018

Pursuing research and writing essays on the intersection of ethics, philosophy of the mind, and human-computer interaction

- The Compatibilist in the Chinese Room - an essay using P.F Strawson's framework for moral responsibility to address John Searle's famed Chinese Room Experiment

SCU Frugal Innovation Lab

Undergraduate Research Assistant

Santa Clara University

2014–2016

Developed a short string compression algorithm for social enterprises in Ghana

- Determined an ideal compression of up to 80% smaller messages
- Coordinated with social enterprises to collect data and understand the market need
- Presented and published a paper and poster at the ACMDEV conference in Nairobi, Kenya

Association for Computing Machinery

Vice President

Santa Clara University

2013–2016

- Organized the first three SCU Hackathons in conjunction with social enterprises like San Jose's Community Technology Alliance, working with Microsoft, Google, and Western Digital
- Built chapter up from 10 students to over 200 active members
- Established relationships with grad programs in UC Santa Barbara and UC Santa Cruz
- Actively involved with ACM-W, the sister chapter that focuses on women's issues in the tech industry

Education

Santa Clara University

Computer Science and Engineering, GPA: 3.1

Santa Clara

Minor: Mathematics

2012–2016

Relevant Coursework

Data Structures, Programming Languages (Pascal, Python, Scala, Scheme, Ruby, Prolog), Real-Time Systems, Numerical Analysis, Web Programming, Operating Systems, Networks, Compilers, Computer Graphics Course (Ohlone College), Machine Learning

Skills

Languages: C/C++, Java, Python, Swift, PHP, Node.js, Oracle SQL, MongoDB

Applications: Vim/*NIX tools, LaTeX, Xcode/IntelliJ, Adobe Illustrator

Soft Skills: Great at parties!