Roshan Ramankutty

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Relevant Experience

Tzeak, LLC — **Pleasanton, CA**
Co-founder — *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 — **San Francisco, CA**
Associate Software Engineer — *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
- Learned new UI frameworks and built multiple customer facing 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 — **Menlo Park, CA**
Volunteer Developer — *July 2015–September 2016*
Developed lesson-planning software for Looma, VillageTech Solution frugal all-in-one computer built for rural schools in Nepal.
- 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

SCU Frugal Innovation Lab — **Santa Clara University**
Undergraduate Research Assistant — *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 — **Santa Clara University**
Vice President — *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

CACE: Center for Civic Education — **San Francisco, CA**
Volunteer — *February 2017–Present*
- Volunteer as a judge for We the People: a competitive civics competition
- Helped Amador Valley High School reach fifth place at national competition in Washington, D.C.

Education

Santa Clara University — **Santa Clara**
Computer Science and Engineering, GPA: 3.1 — *2012–2016*
Minor: Mathematics

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, Javascript, Node.js/Express, Oracle SQL, MongoDB

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

Soft Skills: Great at parties!