Roshan Ramankutty

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Relevant Experience

Tzeak, LLc   **Pleasanton, CA**
Co-founder   *April 2015–Present*
- Run a small technology consultant and education company as a side-job
- Learned how to manage burn-rate of a company, manage employees, and maintain positive culture and engagement
- Developing Salesforce-driven ML platform for supply chain consulting

LendingClub   **San Francisco, CA**
Associate Software Engineer   *August 2016–November 2017*
Lending Club is a peer-to-peer personal online loan service. Our mission is to make credit more affordable for borrowers and investing more rewarding by allowing individuals to invest in borrowers directly.
- Built internal tools for the company to reduce developer burnout resulting in a reduction of on-call work by 20% by volume
- As a solo engineer, built multiple services to expand borrower acquisition channels by 1% - providing credit for 1200 people per quarter and growing
- Helped coordinate internal discussion group to encourage dialogues and cameraderie across the company
- Coordinated with designers, security teams, and outside partners to help bring better credit card refinance tools to borrowers

VillageTech Solutions   **Menlo Park, CA**
Volunteer Developer   *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 modern web-design concepts like responsive web design.

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. Detailed Achievements:
- 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.

Idealyst, Inc.   **Santa Clara, CA**
Developer   *June–November 2015*
Startup designing R&D project management tool
- Designed unique media viewer for base platform, resulting in a significant and positive change in user interaction
- Designed initial Black Box QA methodology, which allowed us to properly maintain and achieve goals in our sprint schedule.

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 Course (Coursera - currently enrolled)

Skills

Languages: C/C++, Java, Python, Swift, PHP, Oracle SQL, MongoDB
Applications: Vim, Flex, LaTeX, Xcode, Adobe Illustrator

Soft Skills: Great at parties!