Roshan Ramankutty

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Relevant Experience

September 2018–Present **Co-founder**, *nCharge, Inc*, Pleasanton, CA.
- Designed and Developed financial payment solution for Contingent Workers in the US
- Coordinated with major partners such as Intrigo Systems (now Accenture), CrossRiver Bank, Finix Payments, and Visa
- Developed platform with potential customers in US in construction and solar industries
- Integrating with major ERP/Payroll management systems like Quickbooks and SAP ERP
- Secured $250k in pre-seed funding
- Built on AWS Lambda, PostgresQL, Python3 and React/React Native using 12-Factor Principles

August 2016– November 2017 **Associate Software Engineer**, *LendingClub*, San Francisco, CA.
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

Projects and Additional Experience

April 2015– September 2018 **Co-founder**, *Tzeak, LLC*, Pleasanton, CA.
- Small vehicle for freelance consultant projects
- Latest project: Implementing ML Platforms like Apache PredictionIO and Salesforce Einstein for supply chain management

July 2015– September 2016 **Volunteer Developer**, *VillageTech Solutions*, Menlo Park, CA.
Developed lesson-planning software for Looma, VillageTech Solution frugal all-in-one computer built for rural schools in Nepal.
- 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
- Presented and published a paper on the impact at the IEEE: GHTC conference in San Jose, CA in 2018

2014–2016 **Undergraduate Research Assistant**, *SCU Frugal Innovation Lab*, Santa Clara University.
Developed a short string compression algorithm for social enterprises in Ghana
- 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

2013–2016 **Vice President**, *Association for Computing Machinery*, Santa Clara University.
- 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
- Actively involved with ACM-W, the sister chapter that focuses on women's issues in the tech industry

Education

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

Publications

October 2018 Lesson Planner for Rural Nepal - IEEE GHTC: Global Humanitarian Technology Conference

November 2016 Compressing SMS Messages for Lowering Communication Costs in Rural Africa - ACM DEV: Symposium on Computing for Development

Skills

Languages Python, React.js/React Native, Java, C/C++, Swift, PHP, Oracle SQL, MongoDB
Applications AWS Lambda, Jenkins, Vim/*NIX tools, LaTeX, Xcode/Intellij/PyCharm, Adobe Illustrator
Soft Skills Great at parties!

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