

# Roshan Ramankutty

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## Education

### Santa Clara University

Computer Science and Engineering, GPA: 3.1

Minor: Mathematics

Santa Clara

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)

## Relevant Experience

### VillageTech Solutions

Senior Design Project Developer

VillageTech Solutions is a social enterprise based in rural Nepal providing aid to Nepali schools. We're developing a user interface for Looma, VillageTech's frugal all-in-one computer.

Detailed achievements:

- Taught team how to use tools like LaTeX, 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.

Menlo Park, CA

2015–Present

### Idealyte, Inc.

Developer

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.
- Worked with MEAN Stack - MongoDB, Express.js, Angular, Node.js

Santa Clara, CA

June–November 2015

### Association for Computing Machinery

Vice President

- Organized the first two 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.

Santa Clara University

2013–Present

## Projects and Additional Experience

### SCU Frugal Innovation Lab

Undergraduate Research Assistant

Currently developing a short string compression algorithm for social enterprises in Ghana. Using Flex: the Fast Lexical Scanner, Android Studio, Java, and C++.

Detailed achievements:

- Determined an ideal compression of up to 80% smaller messages.
- Learned about societal impact of technology in developing countries
- Learned how to work remotely and how to organize work around the 8 hour time difference

Santa Clara University

2014–Present

### Hack for the Homeless 2015

Grapevine

- Used opportunity to learn new technologies like Node.js and MongoDB to construct a mobile-first social network.

Santa Clara University

2015

### Academic Technology

IT Senior Technician

- Led workshops on how to fix problems with student computers, printers, and smart televisions.

Santa Clara University

2014–Present

## Skills

**Languages:** C/C++, Java, Objective-C, Node.js

**Operating Systems:** Windows, OS X, iOS, Android, CentOS Linux

**Applications:** Vim, Flex: the Fast Lexical Scanner, Eclipse, Xcode, Adobe Illustrator

**Soft Skills:** Great at parties!

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## Company Recruitment team

January 01, 1984

Company, Inc.  
123 somestreet  
some city

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

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Albert Einstein discovered that  $e = mc^2$  in 1905.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

**Roshan Ramankutty**

*Attached: curriculum vitae*