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Relevant Experience

LendingClub

Associate Software Engineer

San Francisco, CA

August 2016–Present

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 camaraderie across the company
- Coordinated with designers, security teams, and outside partners to help bring better credit card refinance tools to borrowers

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 modern web-design concepts like responsive web design.

SCU Frugal Innovation Lab

Undergraduate Research Assistant

Santa Clara University

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

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.

Projects and Additional Experience

CACE: Center for Civic Education

Volunteer

February–Present 2017

- 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.

Idealyte, Inc.

Developer

Santa Clara, CA

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

Education

Santa Clara University

Computer Science and Engineering, GPA: 3.1

Santa Clara

Minor: Mathematics

2012–2016

Important Coursework.....

Sex, Theology and Relationships, Nietzsche and Life Affirmation, Feminist Theory, Women in Political Revolutions, Environmental History of the United States

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)