

Aman Agrawal
amanag@umich.edu | (408) 813-0108
7236 St. George Lane, San Jose, CA

Education

B.S. Computer Science, University of Michigan, Ann Arbor **8/2014 – 5/2018**

Data Structures & Algorithms (EECS 281), Introduction to Computer Organization (EECS 370), Discrete Mathematics (EECS 203), Applied Honors Calculus II (MATH 156)

Bellarmino College Preparatory **8/2011 – 5/2014**

Experience

Systems Engineering Intern, Juniper Networks **5/2016 – 8/2016**

- Created an internal solution for virtual products (vMX Router, vQFX Switch, vSRX Firewall) with production virtual network.
- Deployed vMX, vSRX, vQFX in Junos, constructing network topology including Core/Edge Routing, Perimeter Firewalls, and IP Fabric.
- Managed virtual topology using Junos Space, PyEZ scripting tools, and custom-built Web GUI
- Presented product to over 1,100 Juniper Systems Engineers at Americas Tech Summit 2016.

Customer Service, LSA IT Service Desk **2/2016 – 5/2016**

- Applied expertise with common enterprise software (SharePoint, MS Office, RSA Token) to assist Faculty/Staff of U-M, interfacing as first line of support

Accounting Intern, SOAProjects **6/2014 – 8/2014**

- Conducted detailed payroll analysis for key accounts in RAFS (Risk Advisory and Forensic Services) and optimized various functions within Bookkeeping, Internal Auditing, HR, Marketing, and Technical Accounting

Projects

CTO, Central Student Government, University of Michigan **7/2016 - 5/2017**

- First Project: Redesigned and launched website **URL:** <http://csg.umich.edu> (9/14)
- Second Project: Building a Facebook Messenger all-purpose student resource chatbot (Oct 2016)

Design, Pay It Forward, Northwestern University WildHacks **11/2015**

- Designed webpage and iOS GUI for P2P money-transfer app utilizing Myo SDK to complete gesture-based payment transactions

Developer, Syllly, EECS 183 Final Project **4/2015**

- **URL:** <http://syllly.herokuapp.com>
- Built Flask website to route U-M Course Catalog information to website. First experience with Python, Flask, Jinja, Github, Heroku.

Press/Marketing, Makeathon **8/2014 – 2/2015**

- Used aggressive marketing strategy to build brand awareness within campus, attract non-engineers and grow event from 75 to 300 participants
- Gained recognition from U-M Administration, Maker Magazine, White House Maker Faire

Relevant Skills

- Programming: C++, Python, PHP, HTML/CSS (Familiar with Ansible, JS, Perl)
- Web: Flask/Jinja, Apache ZTP, Drupal, Git, Vagrant (VirtualBox), OSI Layer Model, OSPF
- OS: Linux, Junos