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F-1 Visa Holder. Citizen of India

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EDUCATION

SAT I, SAT II Phys/Chem/Math II
AP Calculus Level BC/Physics Level C/Chemistry

2009-2010
2009-2010

RELEVANT COURSEWORK

Carnegie Mellon University
B.S. in Computer Science. Minor in **Mathematics & Robotics.**
 Great Theoretical Ideas in Computing (15-251)
 Fundamental Data Structures & Algorithms (15-211)
 Introduction to Data Structures (15-121)
 Effective Programming in C & Unix (15-123)
 Mobile Robot Design (16-861)
 Matrices & Linear Transformations (21-241)

Pittsburgh, PA
May 2014
Spring 2010
Fall 2011
Fall 2010
Summer 2011
Fall 2011
Summer 2011

EXPERIENCE

Doorknob Design
Flash Web Developer
Ruby on Rails Developer

- Developed a RESTFUL Web Application using Ruby on Rails
- Used Git for Version Control
- Used Devise & OmniAuth to allow local accounts as well as linking of accounts/login through Facebook/Twitter/Google.
- Implemented location features using HTML5 Geolocation API, and the Google Places API.
- Implemented autocomplete using jQuery and JSON parsing in conjunction with the Google Autocomplete API
- Implemented AJAX based pagination.

Mumbai, India
Summer 2010
Summer 2011

PROJECTS

Astrobotic Technology – Google Lunar X Prize CMU Team
Ruby on Rails Developer – <http://locatr.org:3000>

- Developing a Web Application that will feature live video from the Moon Rover/Lander to showcase the mission to the public.
- Using a DDNS setup to stream video, set up TweetGrid and DISQUS.

Aug. 2011 - Present

Java Game Development

Software Development

- Developed a card game with a clearly defined Object-Oriented Structure as a personal project.
- Developed a few mobile games using J2ME.

Summer 2008

Red Hat Linux Experience

System administration

- Attended a 10-week course as preparation for the Red Hat Certified Engineer certification exam.
- Proficient in Unix commands and designing shell scripts to automate tasks.

Summer 2009

Engineers without Borders – Project Symbiosis

- Designing a 3D Model using Solidworks to allow for installation of solar panels in a school in India.

Aug. 2011 - Present

Students in Free Enterprise

Event Manager

- Organizing a campus-wide entrepreneurship competition that will educate the campus community and also donate to and benefit the Pittsburgh community as part of a 3-member team.

Aug. 2010 – Present

SKILLS

Programming: Java, Ruby, C++, Objective C, Perl, Javascript, Python. Strong grasp of fundamentals of programming, experience and exposure to different paradigms and styles. Can pick up any language independently and rapidly.

Scripting: Many personal projects using Perl, VBScript, jQuery, Python and Shell scripting.

