

# RUSHABH MEHTA

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## EDUCATION



### University of Washington, Seattle

BS, Computer Engineering | **GPA 3.84** | Expected December 2015

Relevant Coursework: Security, Networks, Databases, Algorithms  
Machine Learning, Robotics, Embedded Systems, Java, C++, IP Law

## WORK



### Apple Inc | Software Development Intern · June - Sept 2015

SDE Intern in the Development Technologies Team. Updates Later.



### eBay Research Labs | Software Development Intern · June - Sept 2014

Developed StackIt: A drag-drop code generator for API's. Cuts development time from 8 hours -> 10 minutes. Responsible for full stack.



### Ubicomp Lab | Research Assistant · Sept 2013 - June 2014

Developed a watch to log a person's heart activity and movement. Filters were used to make predictions. Responsible for prototype.



### Technophilics | Founder · June 2011 - June 2012

Startup to construct and sell mobile recovery products. Sold over 150 products on eBay. Responsible for research, design & manufacturing.

## SKILLS

Java | Python | Javascript | C++  
Android | Django | NodeJS | Postgres  
Git | Linux | MapReduce | AWS  
HTML5 | CSS3 | PHP  
Verilog | MSP 430 | Arduino  
CAD | 3D Printing

## HONORS + ACTIVITIES

Annual Deans List 2015, 2014 & 2013  
Accelerated Admission in CSE

### Dubhacks Hackathon

Autocart: A wireless cart that automatically reorders essentials. Qualified in the top 10 teams out of over a 100.

### PayPal Hackathon

Envelope: A service with an iPhone app that allows travellers to carry items for customers in exchange of money.

### Facebook Hackathon

Developed part on a smart power strip with an app to control sockets over 3G.

## PERSONAL PROJECTS

### TOR

Implemented TOR asynchronously; allows users to route packets anonymously through the internet.

### Optical Character Recognition

Designed a learner using the ID3 algorithm to recognize characters. Uses  $\chi^2$  for pre-pruning.

### Parking Sensing

A wireless system that monitors car parkings and reports in real-time. Made an API for Google Maps.

### Custom ROM

Developed a custom firmware for Android phones based on opensource frameworks (853 downloads).

### AutomateHome - Android App

Performs automated tasks for a custom smart power strip based on the user's conditional inputs.

### Web Development

vibroripper.com | technophilics.com  
abwaalumni.com | saduma.com  
rushabh.me | abmun.org

### Leveling System

A system for excavators to position and stabilize themselves. Enhanced productivity by 30%.

### USB Jig

A portable device to force an Android phone into recovery mode. Also resets the flash counter.

### USB Dock

A custom cable that transmits digital audio, puts the phone in dock mode and also charges the phone.