

# Aditya Kela

adityakela.com  
aditya.kela@gmail.com | 267.253.7107

## EDUCATION

### THE PENNSYLVANIA STATE UNIVERSITY

**BS IN COMPUTER ENGINEERING**  
Graduation: May 2017 | University Park, PA | GPA: 3.60 / 4.0  
Dean's List | Barbara Lowther Gibbs Scholarship | Tau Beta Pi

### UDACITY

**GOOGLE - ANDROID DEVELOPER CERTIFICATION**  
Expected Completion: May 2017

## LINKS

Github:// [aditya-kela](#)  
LinkedIn:// [in/adityakela](#)  
Twitter:// [@AdityaKela](#)

## COURSEWORK

Data Structures & Algorithms  
Operating Systems  
Compilers  
Systems Programming  
Computer Vision  
Android Development  
Full Stack Web Development  
Computer Networks  
Unix Tools and Scripting

## SKILLS

• Python • Java • JavaScript  
• HTML/CSS • jQuery • AJAX  
• SQL • C/C++ • Git  
• Android (in progress)  
• Node.js • Angular.js • React.js  
• MongoDB

## LEADERSHIP

• **Google Student Ambassador | Google (Fall'15, Spring'16)**  
Partnered with Google reps to plan & execute events at PSU with **800+** attendees from **25+** different clubs & organizations. Got featured in GSANewsletter

• **Google at PSU | Mobile App development club - President**

Collaborated with other student clubs to organise Tech Meetups every semester of **100+** attendees to discuss apps, tech and startups.

## EXPERIENCE

### CSE @ PENN STATE | CS 221 LEARNING ASSISTANT & GRADER

Fall 2016, Spring 2017 | University Park, PA

- Graded students' projects, helped understand software debugging, unit testing, implementing client-server programs to a class of **50+** students
- Topics included object oriented design, event-handling methods, graphical user interfaces(GUIs), Web technologies, virtual machines, API programming

### COMCAST CORPORATION | PRODUCT MANAGER INTERN

Summer 2016 | Greater Philadelphia Area, PA

- Xfinity X1 Team: Researched, developed & implemented a proof of concept X1 platform for Xfinity Hotel customers by integrating existing software services & APIs
- Worked closely with developers, UX designers, QAs and senior PMs to add relevant features like TV notifications, search results on live TV, personal recommendations, favorites, free VOD etc. Defined a road map to scale my prototype model for **100+** hotels

Nominated to share project insights with my team's Senior Vice President (**SVP**) to consider my project as a potential future product.

### SIZENFIT | SOFTWARE ENGINEERING INTERN

Summer 2015 | (Startup focused on helping shoppers find apparel that fits perfect)

- Built a model to extract certain key features from huge data set for use in calculating personalised fit score calculation on **sizenfit.com**. Practiced Agile methodology and Six Sigma concept of 'DMAIC'
- Contributed to the development of e-commerce applications like filtering, personal recommendations, cart session, sign up using Amazon AWS, HTML5, JS, JQuery, Java

### SNAPDEAL | SOFTWARE ENGINEERING INTERN

Summer 2014

- Full Stack Web development using JavaScript, AJAX, SQL, HTML/CSS, JSON to improve the FAQ page functionalities and navigation experience of **snapdeal.com**
- Attended daily SCRUM meetings, created wireframes to present my project concepts to **VP** of Engineering, designed & developed a full stack method to integrate third party APIs in Python & JS

Customer satisfaction index in ease of site navigation rose by **71.3 %** in 3 months

## SIDE PROJECTS

### BANK TRANSACTIONS THROUGH AMAZON ECHO

Team Project | Used Alexa Skill SDK, JavaScript, Python, REST API, MongoDB

Designed and built Lambda functions at the back end to allow effective responses to banking related user queries like Check my account balance, Make a transfer etc on Amazon Echo.

### SUNSHINE Individual Project | Used Android SDK, Java

An Android App that shows users the weather information for today and future days, connected the app to Open Weather Map API to get real time weather information, extended app functionalities to provide support for Android Wear.

### LEDGER Individual Project | Used Android SDK, JSON, J2EE

An android app that provides features to manage utility bills by sharing it with roommates/friends. Build features like image processing of paper bills to automate data entry. Developed Server side APIs using J2EE and JSON to exchange information between app and the server.

### MARKOV CHAIN Individual Project | Used Python, HTML

Built a program to fetch text from the web and build a **Markov Chain** to process the text and generate new phrases. For eg. "To be, or not to be" would likely be followed by "that is the question"

### MAGICART Individual Project | Used Java, SQL

Developed a program that represents work flow of modern day e-commerce transactions. Built merchant facing services like manage inventory, maintain bookings, show orders and customer facing services like sign up, placing an order, edit user profile etc