# Aditya Kela

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## 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
Full Stack Web Development
Computer Networks
Unix Tools and Scripting

## SKILLS

**Product:**
•Vision •Market Analysis
• Wireframing • User Experience
• Agile • Mockups
**Tools:**
• Axure RP • Sketch •JIRA
• Asana • Pivotal Tracker
**Programming:**
•Python • Java • JS• C/C++
•Matlab•Node.js • Angular.js
•Android •SQL • Git

## LEADERSHIP

•**Google Student Ambassador|** Google (Fall'15, Spring'16)
Acquired **2000+** users for **Google Voice** on campus through product evangelism. Got featured in GSANewsletter

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

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

## EXPERIENCE

**CSE @ PENN STATE** | CS 221 OOP WITH JAVA - 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 - XFINITY X1 TEAM
Summer 2016 | Greater Philadelphia Area, PA
- Conceived of & owned a proof of concept X1 Xfinity platform which demonstrated ability to own **35%** of TV Hotel market share by Comcast by integrating existing software services & APIs
- Followed Agile Methodology, designed wireframes, wrote user stories and feature backlogs, created acceptance criterias and regular testing in order to develop Minimum Viable Product

Pitched my product initiative and positioning to team's Senior Vice President **(SVP)** for pushing it from prototype to production

**SIZENFIT** | SOFTWARE ENGINEERING INTERN
Summer 2015| (Startup focused on helping shoppers find apparel that fits perfect)
- Contributed in the development of mobile website for **sizenfit.com** collaborating with UI/UX designers in building feature ideas into detailed tech specs using AWS, HTML/CSS, jQuery & Java
- Practiced Six Sigma concept of 'DMAIC' to improve the User Experience of e-commerce applications like filtering, personal recommendations, cart sessions etc on small screen devices reducing number of steps by 40%

Achieved **30%** increase in mobile traffic and **15%** increase in sign ups on mobile devices

**SNAPDEAL** | SOFTWARE ENGINEERING INTERN
Summer 2014 | (Third largest e-commerce player in India)
- Front End Web development using JS, AJAX, HTML/CSS, JSON to improve the FAQ page functionality and ease navigation experience of **snapdeal.com**
- Attended daily SCRUM meetings, created mockups and closely worked with Sr. Product Managers by identifying, assisting and documenting customer needs in development and testing phases
- Significantly reduced time for tasks like Track a package, cancel order by integrating them in FAQ pages itself; The number of clicks from FAQ pages to third party API's grew by **70%** in 3 months

## SIDE PROJECTS

**BANK TRANSACTIONS THROUGH AMAZON ECHO**
Team Project | Used Alexa Skill SDK, Amazon AWS, JS, 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 through Capital One on Amazon Echo.

**SUNSHINE** Individual Project | Used Android SDK, Java, XML, AxureRP

An easy to use Android App with great UI that shows users the weather information for today and future days, connected the app to Open Weather Map API, extended its functionality 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/CSS

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.