

129-A, Pycrofts garden,  
Nungambakkam high road,  
Chennai - 600 034.

# U.AADITHYA

(+91) 8939 222 530  
[aadi1194@gmail.com](mailto:aadi1194@gmail.com)  
<https://aadithyau.github.io>

## EXPERIENCE

**Software Development  
Engineer, Intern**

**AMAZON DEVELOPMENT CENTRE**

**Chennai  
Summer 2015**

### Kindle SDK Developer

- Implemented an algorithm which eliminates the need of hard coded values in DRM (Digital Rights Management) and there by allowing flexibility.
- Improved the overall performance of DRM in kindle by 96%.
- Delivered a presentation on Amazon's internal libraries to team mates and manager.

## EDUCATION

BE CSE - <b>9.10 CGPA</b>	Anna University, Chennai	2012 - 2016 (Expected)
Higher Secondary - <b>96.9%</b>	SBOA Matriculation Hr Sec School	2011 - 2012
Higher School - <b>95.8%</b>	SBOA Matriculation Hr Sec School	2009 - 2010

## PROJECTS

- **Post processing of OCR Output** (Winter 2014): OCR specific Noise correction algorithm, modified character n-gram algorithm , DP based splitter algorithm for word suggestions and contextual correction for selection of correct word.
- **Used: Python, NLTK, Google 1-T n-gram.**
- **TrackMe Windows application** (Summer 2015): An app which supports many to many tracking simultaneously with notes sharing and location based reminder using Azure and Bing.
- **Used: C#, XAML, Microsoft Azure web services and Bing Maps API.**
- **CEG InfoConnect** (Summer 2014): A web app which provides better connectivity among Staffs, Students and Departmental heads.
- **Used: HTML5, CSS3, JavaScript, MYSQLI.**

## ACHIEVEMENTS

- Internship at Amazon IDC Chennai and subsequent PPO offer (2015).
- Secured first place in Microsoft's 24 hour hackathon 'Code.fun.do' at College and was a National level runner-up team.
- **Organiser and Web team member** of Athena, an online coding event for Kurukshetra 2015.
- **Organiser** of 'Coding Hungama 2015', an 12 hour onsite coding event sponsored by 'Groupon'.
- **Finalists** of Markup Mania in Prayatna 2014, MIT International CSE symposium, **DBMS contest** in SSN College Internation CSE symposium.
- **Runner up** in Programming contest of Sync'13, an intra-college symposium of Anna University.
- Completed Harvard's CS50 online course through EDX.
- Submitted a shopping app (Android) for Abacus 2014 and won cash prize.

## Languages and Technologies

- C++; C; Java; Python; C# (Beginner); XAML (Beginner); SQL
- Eclipse; Android Studio; Visual Studio; XCode