Samriddha Basu

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SKILLS

- **Programming Languages**: BASIC, C, Java
- **Technologies**: Android, Web (Frontend)
- **IDEs**: Android Studio, BlueJ, CLion, IntelliJ IDEA
- **Version Control Systems**: Git
- **Others**: RESTful APIs, Google Play Services and Firebase for Android

Other

- Proficient in English, Hindi and Bengali
- Interested in poetry, short story writing

EXPERIENCE

Code Reviewer and Mentor at Udacity   Jan 2018 — Present

I review student submissions of projects for the Android Developer Nanodegree, and act as a mentor for students participating in the programme.

Microsoft Student Partner   Aug 2017 — Aug 2018

Microsoft Student Partners (MSPs) share their deep knowledge and passion for technology with their fellow students, building leadership and communication skills along with technical expertise.

Technology Intern at Credit Suisse   May 2018 — July 2018

Credit Suisse Group is a leading financial services company, advising clients in all aspects of finance, across the globe and around the clock. I worked as a technology intern in the Global Markets department.

Android Developer Intern at Toast   Mar 2017 — Oct 2017

Toast is a California-based start-up that aims to connect people over home cooked meals and fun activities. I am part of the team in charge of developing the Android client app.

Android Developer Intern at Websites.co.in   Feb 2017 — Mar 2017

Websites.co.in is a SaaS platform that allows anyone to get their business online as fast as possible. I was responsible for making an Android app that helps you manage your website.

PROJECTS

Chehra – Face Recognition Attendance Management System   (Team Project)

Tech Stack: Machine Learning, Image Processing, Django, IoT, Android

A proof-of-concept attendance management system that supports recognition of multiple faces from classroom pictures. Technical paper based on this system was presented at Confluence '19, Noida

NotePal – Material Notepad

Tech Stack: Android

A beautiful Material Design note-taking experience with some innovative features, created as part of the Android Developer Nanodegree program. Available on the Google Play Store

MessenJ (Java, Android)

Tech Stack: Java, Android

A P2P chat app written in pure Java and later ported to Android. Developed as Second Year Computer Engineering project for Object Oriented Programming Methodology course.

EDUCATION

Bachelor of Engineering (Computer Engineering)   August 2015 — Present
Sardar Patel Institute of Technology (Mumbai University)

Front-End Web Developer Nanodegree by AT&T, Google, GitHub   May 2018 — Nov 2018
Udacity

Android Developer Nanodegree by Google   Feb 2016 — Jan 2017
Udacity

Junior College (Science)   June 2013 — May 2015
Pace Junior Science College, Mumbai

High School   April 2005 — May 2013
Garden High School, Kolkata

ACADEMICS

- Cleared ICSE Board Exam (Std X) in 2013 with 94.4% marks
- Cleared Maharashtra Board Higher Secondary Exam (Std XII) in 2015 with 88.15% marks. Within top 1% of students, was eligible for INSPIRE scholarship from Government of India
- Cleared Joint Entrance Examination (JEE) - Mains
- Cleared Joint Entrance Examination (JEE) – Advance

POSITIONS OF RESPONSIBILITY

- Represented college as **Team Leader** in the Grand Finale of the inaugural **Smart India Hackathon 2017**
- **Teaching Assistant** for Professor Prachi Gharpure, Principal of S.P.I.T., for the period from Jan 2017 - May 2017, responsible for guiding students with their academic curriculum and project work
- **Head of Technology** at **Entrepreneurship Cell**, Sardar Patel Institute of Technology for the period Jul 2017 – Jul 2018
- Acted as **Mentor** and one of the **Lead Developers** in creating the TechForSocial platform (techforsocial.com) for showcasing innovative ways to make use of technology for social causes under Dr. Dhananjay Kalbande, Dean of Industry Relations and Head of Computer Department at S.P.I.T.

ACHIEVEMENTS

- Cleared **National Talent Search Examination (NTSE)** to receive scholarship from Government of India
- Represented school as School Reporter for **BBC School Report** program
- Cleared SAT (Dec 2013) with a score of 2180/2400
- One of 1000 recipients of **full scholarship** from **Google India** and **Tata Trusts** for the **Android Developer Nanodegree at Udacity**
- One of 350 recipients of **full scholarship** from **Google India** for the **Front-End Web Developer Nanodegree at Udacity**
- Second runners-up at the **NBF Tech Challenge 2018** organized by NMIMS, Mumbai

INTERESTS

- Reading (primarily fiction)
- Poetry; two of my poems have been published in anthologies by the **British Council**
- Programming and development, contributing to open source; I maintain an AOSP-based custom ROM known as Potato Open Sauce Project (POSP) for my device, the OnePlus 6
- PC gaming
- I am an ardent follower of recent developments in technology