

Aadi Bajpai
Prospective Undergrad
July 21, 2019

website: aadibajpai.me, clashkahznlvpwfg.onion
email: me@aadibajpai.me
number: +91-93-3661-6656

EDUCATION

- **Delhi Public School Kalyanpur** Kanpur, India
All India Senior School Certificate Examination, CBSE; Percentage: 93% May 2019
- **Delhi Public School Kalyanpur** Kanpur, India
All India Secondary School Examination, CBSE; CGPA: 10/10 May 2017

AWARDS & HONOURS

- **Grand Prize Winner, Google Code-in 2017** Google
CCEXtractor Development November 2017 - January 2018
 - Among fifty winners from over 3500 contestants for two months of exceptional contribution to open-source software. Won an all-expenses paid trip to Google Headquarters in California.
 - Worked on a real-time Continuous Integration/Continuous Deployment platform written in Python and Flask along with Design, Research and Documentation tasks.
- **Finalist, Topcoder Humblefool Charity Hackathon** Topcoder
Évariste December 2017 - February 2018
 - **Competed among college teams** to develop an application that furthers and provides ease-of-access to programming education and resources in India.
 - Developed **HumbleHelper** using Node.js and Material Design hosted on IBM Bluemix which offered a bi-directional code editor and real-time teacher-student interaction and were **ranked 5th nationwide**.
- **Overall Winner, Comfest** Seth Anandram Jaipuria School
Team Leader 2017, 2018
 - Comfest is an annual, 18-year-old, techno-cultural-literary festival. It is the largest student organized school level fest in India. **The President of India** himself unveiled the Comfest brochure in 2017.
 - Led the school team to victory for 2 consecutive years while personally having the highest overall award count. Won the events Quizart, IT Quest, Tech Talk, Crossbits and Journaltopia among others.

COMPUTER SCIENCE EXPERIENCE

- **The SwagLyrics Project** Open Source Organization
Founder & Developer February 2017 - Ongoing
 - Researched linguistic naming conventions on Spotify and Genius to analyze patterns and bridge both the services directly without the use of an API. Authored and open-sourced a suite of Python libraries.
 - SwagLyrics is 2.4x faster and more accurate than the most popular similar service¹ and can fetch lyrics for a track in as less as 0.28s². SwagLyrics has total 46,664 users growing by 1,319 per week.³
- **Research Mentor, Google Summer of Code** Google
SwagLyrics, CCEXtractor Development March 2019 - Ongoing
 - Mentoring Chris Wang from Columbia University in the City of New York on the SwagLyrics project "Synchronizing Lyrics to Audio with Syllable Nuclei Detection".
 - The project aims to develop a novel method of automatically synchronizing the lyrics of a song to its corresponding audio. Awarded a total grant of \$6500 by Google.
- **Volunteer Developer & Designer** CCEXtractor Development
Under Carlos Fernandez Sanz, Org Admin and Founder November 2017 - Ongoing
 - Mentored participants as a part of Google Code-in 2018. Created various tasks and reviewed over 250 instances of tasks throughout the contest.
 - Designed the organization logo and associated graphic media. Maintain the design repository along with periodic code reviews and documentation patches.

¹https://colab.research.google.com/gist/aadibajpai/439cd358b001ae7d1ba970b68f70d92b/swaglyrics_test.ipynb

²https://colab.research.google.com/gist/aadibajpai/06a596ad753007b0faea132e96f372e0/swaglyrics_test.ipynb

³Download counts: SwagLyrics, SwSpotify

ACHIEVEMENTS

- Awarded **10 years' Scholar Badge** by DPS Kalyanpur for consistent excellent academic performance. 2007 - 2018
- Qualified for the **Indian National Olympiad in Informatics 2019**. 2018
- One out of the only two people in the city to successfully clear Indian **Zonal Computing Olympiad 2019**. 2018
- Awarded the General Proficiency Award by DPS Kalyanpur for academic excellence. 2015
- Won an award at **all** Model UN Conferences attended (10+) including the Best Delegate and High Commendation award at the National Level. 2015 - 2018
- Won multiple National & State Level Inter-School Quiz Competitions such as the CBSE KSS Quiz and the School Quiz League (consecutively thrice). 2014 - 2018

DESIGN EXPERIENCE

- **Automated History Archive** Harvard University
Prof. Melissa Dell, Dept. of Economics May 2019 - Ongoing
 - Designing visual media to represent a high-level overview of the project and the techniques employed to generate community interest and feedback.
- **Android App Iconography** Freelance
Android App Developers 2017 - Ongoing
 - Designed the official app icons for popular Android apps on the Play Store including Hidey Hole & Holey Light by Chainfire and KLCK by Kustom Industries that have 100,000+ downloads each.

COMMUNITY EXPERIENCE

- **Member, Open Source Initiative** Open Source Initiative
Open Source Advocate December 2018 - Ongoing
 - The Open Source Initiative (OSI) is a non-profit corporation formed to educate about and advocate for the benefits of open source and to foster the open source community. OSI Affiliates include Mozilla, the Wikimedia Foundation and Linux.
- **Contributor, Google+ Create Program** Google+, YouTube
Invited by Leanne Osborne, G+ Community Manager December 2016 - June 2017
 - Verified on YouTube and G+ for my "All Things Tech" collection with more than 75,000 followers. Was put on hiatus until I become 18 due to legal policy update.

PROGRAMMING SKILLS

- **Languages :** C++ // Python // HTML // CSS // Javascript // A Programming Language (APL)
- **Software and Utilities :** L^AT_EX // Flask // Jinja2 // HAML // Git // Material Design // Adobe Illustrator

LEADERSHIP POSITIONS

- **Head Boy** Student Council, DPS Kalyanpur April 2018 - Present
- **Editor-in-Chief** Muse, DPS Kalyanpur April 2018 - Present
- **President** Model UN Club, DPS Kalyanpur April 2017 - March 2018
- **Secretary-General** Delhi Public School Kalyanpur Model UN August 2017 - September 2017
- **President** UN Security Council, Delhi Public School Kalyanpur Model UN October 2018
- **Core Team Member** Panorama, DPS Kalyanpur August 2017 - October 2018
- **Head of Design** Delhi Public School Kalyanpur Model UN September 2016
- **House Prefect** Shamrock House, DPS Kalyanpur April 2016 - March 2017

RELEVANT LINKS

- **I Design.**
- **I Code.**
- **I Write.**