Satvik Sethia

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Education

- **University of Illinois at Urbana-Champaign**, Champaign, IL.
  BS-LAS Computer Science
  + Linguistics
  Expected Graduation – Fall 2020
  GPA – 3.79, Dean's List – Fall 2017
- **The Heritage School**, Kolkata, India.
  First in class, 96.8% (ISC 2017)

Skills and Coursework

Skills

- Java, C++, Python
- HTML, CSS, JavaScript, PHP
- Racket (Scheme)
- JSON, Files, MongoDB
- AWS, Unity (C#)

Coursework

- CS 125 – Intro to CompSci
- CS 126 – Software Design Studio
- CS 173 – Discrete Structures
- MATH 241 – Multivariable Calculus
- LING 301 – Elements of Syntax

Leadership Positions

- **House Captain**
  Took charge of and selected participants for events from among 500 students, personally trained a squad of 33 and won the March Past Cup.
- **Treasurer – Youthopia 2017**
  Part of a 13-member team that organized the annual high school fest. Managed and raised the most funds in the history of the fest by negotiating with companies.
- **Treasurer – Publications Club**
  Edited the annual high school magazine.

Work Experience

- **Pasfar Technologies Pvt. Ltd. (Cashfree) – Web Development Intern**
  Designing and building the demo for all their products. Working with PHP, MongoDB, cURL and ReST APIs to automate addition of leads, blocking emails, bug reporting, etc. (Jun 2018 – Aug 2018).
- **Contributing Writer at the Daily Illini (Sports)**
  Covering Fighting Illini Women's Tennis and Women's Gymnastics for the student newspaper (2017-18).
- **Illinois Student Admissions Representative**
  Giving two-hour long tours of the University of Illinois to prospective and admitted students and their families.
- **Course Assistant for CS125 (Intro to CompSci)**
  Helping students in labs and by holding Office Hours.

Projects

- **Backbeat**
  Modified and enhanced the analysis methods for a music app that outlines the user's deviation from a target BPM. Presented a working demo of the app (Python, CS 196 2017).
- **Syntax Trees**
  Made an application for generating the syntax trees of a sentence (given its part of speech tags) using the rules specified by the X-Bar Theory (Microsoft Visual Studio, openFrameworks v9.8, CS 126 2018).

Extracurricular Activities and Volunteer Work

- **Music**
  Performed with the high school band for 5 years, played keyboard/guitar. Learning the piano at the University.
- **Model UN**
  Won in every Model UN Conference attended as International Press (IP), chaired IP at The Heritage School Model UN Conference (National, 2016 and 2017).
- **Student Exchange Program**
  Travelled to Germany as part of a Student Exchange Program (Pasch 4, 2014).
- **As Secretary of the Interact Club 2015-2016**
  Sold unused clothes and household equipment to the school help at subsidized rates, helped organize a cultural program for physically and mentally challenged children, distributed blankets to the homeless in the winter.