Satvik Sethia

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Education

- **University of Illinois at Urbana-Champaign**, Urbana, IL.
  B.S. LAS Computer Science + Linguistics
  Expected Graduation – Dec 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
- Kotlin
- HTML
- CSS
- JavaScript
- PHP
- MongoDB
- CloJure
- Racket
- JSON
- AWS
- Verilog
- Unity (C#)
- Linux
- MIPS Assembly

Relevant Coursework

- CS 125 – Intro to CompSci
- CS 126 – Software Design Studio
- CS 173 – Discrete Structures
- MATH 241 – Multivariable Calculus
- LING 301 – Elements of Syntax
- CS 225 – Data Structures
- CS 233 – Computer Architecture
- MATH 347 – Fundamental Math
- LING 307 – Semantics & Pragmatics
- CS 196, 296 – Honors

Leadership Positions

- **Secretary – Interact Club**
  Donated clothes and household equipment to the school help, organized a cultural program for special needs children, and distributed blankets to the homeless.
- **House Captain**
  Won the March Past Cup by training a squad of 33.
- **Treasurer – Publications Club**
  Edited the annual high school magazine.

Work Experience

- **Web Development Intern – Pasfar Technologies Pvt. Ltd. (Cashfree)**
  Designed and built the demo for all their products. Worked with PHP, MongoDB, cURL and REST APIs to configure a notification sender-receiver, automate addition of leads, blocking emails, bug reporting, etc. (Jun 2018 – Aug 2018).
- **Course Developer – CS125 (Intro to CompSci)**
  Working on a plug-in for IntelliJ IDEA to monitor student activity on course assignments (Aug 2018 – Present).
- **Staff Writer – The Daily Illini (Sports)**
  Following and covering the Fighting Illini Women's Tennis and Women's Gymnastics events for the student newspaper (Nov 2017 – Present).
- **Illinois Student Admissions Representative – University of Illinois Admissions**
  Giving two-hour long tours of the University of Illinois to prospective and admitted students and their families (Dec 2017 – Present).

Projects

- **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).
- **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).
- **DI Bot**
  Working on a twitter bot to pull scores from the Fighting Illini Women's Soccer handle and analyze them to aid with my newspaper reporting (Twitter, tweepy).

Extracurricular Activities

- **Music**
  Won numerous individual and team awards by performing with the high school band for 5 years, played the keyboard and guitar. Learned the piano at the University.
- **Model UN**
  Won an award at 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).