VIBHAV **KOTRIWALA**

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EDUCATION

University of Illinois at Urbana-Champaign
B.S. in Computer Science & Mathematics
Expected December 2020 | Urbana, IL
GPA: 3.92/4.0 | Dean's List Awardee (FA'17, SP'18)

St. Xavier's Collegiate School
Class of 2017 | Kolkata, India
ISC: 95% | ICSE: 96%

SKILLS

Programming Languages:
Proficient: Java | Python | C++ | Dart
JavaScript | HTML | CSS
Familiar: Scala, HTML, CSS, node.js

Other:
Flutter, openFrameworks, Android Studio

COURSEWORK

Undergraduate:
Data Structures
Computer Architecture
Probability & Statistics in Comp Sci
Software Design Studio
Discrete Structures
Calculus I, II, III

High School:
AP Comp Sci A

ORGANAIZATIONS

Association of Computing Machinery
Illinois Programming League
Association of Data Science & Analytics

PUBLICATION & HONORS

- Bridge of Brotherhood: An article on the Indo-Chinese Exchange Program
- Token of Honor (Grade 9-12)
- Microsoft Office Specialist

WORK

4CeeD – Data Curation | Software Developer
Urbana, IL | June 2018 – Present
- Working under Prof. Klara Nahrstedt to create a cross-platform application using *Flutter* for data management, quick uploads, and previews.
- Worked to replace old file tree structure with a modern widget using *Webix* library using *JavaScript*; implemented sorting, multiple drag-and-drop, context-menus, filtering, side by side previews for files and folders

CS 125 (Intro to Comp Sci) | Data Analyst
Urbana, IL | June 2018 – Present
- Working with the *mongo* database to analyse course data - explore correlations between various facets in the course - attendance vs grades, attention drops, enrolment spikes/drops, student behaviour - using *PyMongo*, *NumPy*, *mathplotlib*.

ACM-ICPC @ UIUC | Administrative Officer
Urbana, IL | January 2018 – Present
- Handling the website to keep it updated with weekly contests, problems, and solution sets; helping to ensure the smooth functioning of the organization.

REFLECTIONS | PROJECTIONS 2018 | Web Developer
Urbana, IL | January 2018 – Present
- Developing the website using ReactJS for R|P 2018, the annual tech conference at UIUC.

ENGINEERING EMPLOYMENT EXPO | Treasurer
Urbana, IL | March 2018 – Present
- Selected as part of the career fair committee to administer and manage the finance side for the Fall/Spring career fair at UIUC – second largest student run career fair in the US.

PROJECTS

LITRIDE | MHacks X
Ann Arbor, MI | September 2017
- Developed an application based on the concept of access economy using *Android Studio* and *Firebase* and integrated Google sign-in, Google Maps, and real-time car tracking using Lyft API

SEE FOOD @ UIUC | CS 196 Project
Urbana, IL | August 2017 - December 2017
- Worked on web-scraping the UIUC dining website using *Splinter* (scraping library) to extract desired menu items.