

Dhruv Agarwal

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SKILLS

PROGRAMMING

Over 5000 lines:

Python • JavaScript • CSS
HTML

Over 2000 lines:

C • PHP

Over 500 lines:

C++ • Assembly • \LaTeX

Database Management:

MySQL • MongoDB

Others:

Git • Bash • Flask • Node.js

DESIGNING

Familiar:

Adobe Photoshop • Adobe Illustrator

EDUCATION

ASHOKA UNIVERSITY

B.SC. IN COMPUTER SCIENCE

Expected May 2019 | Sonapat, India

Dean's List (All Semesters)

Cum. GPA: 3.79 / 4.0

Major GPA: 3.90 / 4.0

MOUNT ST. MARY'S SCHOOL

Grad. May 2016 | New Delhi, India

Percentage: 94.00%

Best of 4: 95.75%

COURSEWORK

UNDERGRADUATE

Introduction to Programming

Discrete Mathematics

Probability & Statistics

Computer Organization & Systems

Advanced Programming

Operating Systems

Algorithms Design & Analysis

Data Visualization

LINKS

Github:// [agdhruv](#)

LinkedIn:// [agdhruv](#)

Twitter:// [@agdhruv](#)

Quora:// [Dhruv-Agarwal-38](#)

EXPERIENCE

AMPERSAND DESIGN | DEVELOPMENT INTERN

July 2017 – August 2017 | Gurgaon, India

- Solely developed web pages for the SBI Card (a joint venture by State Bank of India and General Electric) website.
- Developed the company website in WordPress.
- All code was reviewed and pushed to production.

ASHOKA UNIVERSITY STUDENT GOVERNMENT | IT MINISTER

February 2017 – February 2018 | Sonapat, India

- Elected into the Student Government and nominated as the IT Minister by the President in my freshman year.
- Developed websites and applications to make living easier on the university campus.
- Provided technology oriented solutions to everyday problems on campus.

FREELANCER | DESIGNER AND DEVELOPER

June 2015 – Present | Gurgaon, India

- Designed websites and web applications for ventures, initiatives and college festivals.
- Used multiple languages and frameworks including Flask, NodeJS and PHP.

PROJECTS

PRISON ESCAPES IN INDIA—VISUALISATION Feb '18

- Used the National Crime Records Bureau (NCRB) data to find the causation of prison escapes in India.
- The journey of reaching the conclusion has been documented [here](#).

ASHOKA MENU AND SHUTTLE BOT Mar '17

- Developed a Facebook Messenger Bot to inform users about the mess meal menu for the day, the timings of the university shuttle service, and important phone numbers like that of the infirmary.
- Over 800 unique users and 150k messages sent and received as of June 2018.

ENERGY MONITORING SYSTEM Aug '17 - Dec '17

- Developed a prototype using sensors, Arduino and Raspberry Pi concurrently to measure and reduce energy wastage in dorm rooms at Ashoka University.
- Worked in a team of 3 undergrads under the guidance of Prof. Ashish Sureka and Prof. Vivek Seshadri.

TEAM EXPERIENCE

2015 Part of Core team for Tech & Eco Symposium

2016 Head of Tech team for inaugural inter-varsity cultural fest

2017 Founder and organizer of the inaugural inter-varsity sports fest

2017 Fest Secretary of the sports fest (headed 70 member team)