NAVAN CHAUHAN

Student, Birla Vidya Niketan, New Delhi

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EXPERIENCE

Summer Training Internship Program in Artificial Intelligence
Hewlett Packard Enterprise

📅 June 2018 – July 2018 ⊙ New Delhi

Summer Training Internship Program in Ethical Hacking
Hewlett Packard Enterprise

📅 June 2018 – July 2019 ⊙ New Delhi

Research Internship
Yewsavin, Inc.

📅 April 2020 – Present ⊙ Remote

CERTIFICATIONS

Certificate Course in Office Automation (CCOA)
All India Association of Information Technology Education

📅 December 2012

Sunday Club
National School of Drama

📅 2013

Language Course
Dusemond

📅 April 2017 ⊙ Rugby School, Rugby

Ethical Hacking
Inology

📅 2017

Microsoft Office Specialist
Microsoft

📅 January 2018

- MS PowerPoint 2016

LANGUAGES

Python ●●●●●

Bash Scripting ●●●●●

HTML/CSS/JS ●●●●○

Swift ●●●●○

EDUCATION

Student
Birla Vidya Niketan

📅 Present

SCIENCE FAIRS

Japan Super Science Fair
Projects:

📅 2019

- Improving the Characteristics of Bio-Plastics
- Increasing the Efficiency of Dye-Sensitized Solar Cells
- Automatic Detection of *p. falciparum* using Deep Learning

ACHIEVEMENTS

National Science Concours
Pivotal

📅 2014-15, 2015-16, 2018-19, 2019-20

- Winner

National Cyber Security Championship
Techtron

📅 January 2017   📍 IIT-Hyderabad

- First Position

Hackacon
Council of Information Security

📅 30th June - 1 July 2018   📍 IIT-Delhi

- First Position

Toyota Hackathon
Toyota Kirloskar Motor

📅 17-18th December 2018   📍 IIT-Delhi

- Second Position

Ideate for India
Ministry of Electronics and Information Technology

📅 December 2018-January 2020

- Winner

PROJECTS

AutoSafe

- A modular road-safety toolkit
- Originally created for the Toyota Hackathon

Malaria Detection

- Detecting P. falciparum Using Deep Learning in Thick Blood Smear Samples
- Originally created for Japan Super Science Fair 2019

Curie Toolkit
In-Progress

- **Curie-CLI** Docker based CLI app for generating PDF reports with Molecular Docking and Protein-Ligand interaction profiling support
- **Qrious** iOS app to browse preprints with question answering support using BERT
- **Curie-Generate** LSTM-Based RNN model for generating fine-tuned molecules

PUBLICATIONS

📄 Articles

- Chauhan, Navan (2020). "Possible Drug Candidates for COVID-19". In: *ChemRxiv*.
- Chauhan, N. (2019). "Detecting Driver Fatigue, Over-Speeding, and Speeding Up Post-Accident Response". In: *International Research Journal of Engineering and Technology (IRJET)* 6 (5), pp. 1583–1585.