

AADITYA RAUTELA

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EDUCATION

Delhi Technological University

BTech Electrical Engineering *GPA: 9.2/10*

New Delhi, India

Aug 2019 - May 2023 (Expected)

CERTIFICATIONS

Deep Learning Specialization

deeplearning.ai

May 2020

Introduction to Applied Cryptography Specialization

University of Colorado System

May 2020

Welcome to Game Theory (with Honors)

The University of Tokyo

May 2020

SKILLS

Programming Languages: C, C++, Rust, Python, HTML, CSS, JS
Technologies: Linux, macOS, Git, Tensorflow, Keras, Office Tools
Creative: Photoshop, Illustrator, Ableton Live, FL Studio
Languages: English, Hindi, Japanese (Elementary)

EXPERIENCE

Gennex Innosource

Web Development Intern

South Extension II, New Delhi

Dec 2019 - Jan 2020

- Developed a single page responsive website, adhering to modern design principles.
- Organised the backend, migrated DNS to Cloudflare for faster response times and improved security with built-in DDoS mitigation.

DynamiX Clan - School Computer Club

President

Ramjas School RK Puram, New Delhi

2017 - 2018

- Led the club to one of its most successful years, clinching podium finishes at various national and international tech events.
- Organised DynamiX 17 and DynamiX 18, annual tech events of the club.

Student Council

Head Boy

Ramjas School RK Puram, New Delhi

2018 - 2019

- Actively promoted the school values at all times, by providing leadership to the student body.
- Assisted with the organisation and conduct of general assemblies.

PROJECTS

Nand2Tetris *Python, Jack, HDL(Hack)*

github.com/aadityarautela/nand2tetris

Built a general-purpose computer system from the ground up. Developed a CPU and Memory in a custom Hardware Description Language (HDL). Implemented an Assembler, VM Translator and Compiler for a custom Java-like object based programming language called Jack in Python. Also created an Operating System for the developed hardware in Jack.

Fe2O3 *Rust*

github.com/aadityarautela/fe2o3

Implemented a CHIP-8 emulator in Rust.

nash *C, POSIX APIs*

github.com/aadityarautela/nash

A shell written for Unix-like Operating Systems in C.

AWARDS

M.L Dhawan Memorial Trophy for outstanding student

Ramjas School RK Puram

Dec 2018