

AADITYA RAUTELA

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EDUCATION

Delhi Technological University

BTech Electrical Engineering *GPA: 9.29/10*

New Delhi, India

Aug 2019 - May 2023 (Expected)

CERTIFICATIONS

Natural Language Processing Specialization

deeplearning.ai

December 2020

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, PHP

Technologies: Linux, macOS, Git, Keras, Laravel, CircleCI, Office Tools, Pytorch

Languages: English, Hindi, Japanese (Elementary)

EXPERIENCE

Grorapid

Software Engineering Intern

New Delhi

Aug 2020 - Jan 2021

- Refactored end to end services to follow a containerized architecture, replacing the earlier inflexible architecture.
- Implemented 3rd party integrations (Google, Facebook, Twitter and LinkedIn) to the platform for automated tasks.
- Replaced the manual testing process with CircleCI, added 71 automated tests to the platform.
- Implemented subscription module, to manage platform's subscriptions.

Gennex Innosource

Web Developer

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.

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

Implemented a CHIP-8 emulator in Rust.

github.com/aadityarautela/fe2o3

nash C, POSIX APIs

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

github.com/aadityarautela/nash

AnimeDCGAN PyTorch

DCGAN to generate anime style faces

github.com/aadityarautela/AnimeDCGAN