

AADITYA PATWARI

aadipatwari@gmail.com • (+65)93792615 • github.com/knownyourenemy

EDUCATION

Yale-NUS College, Singapore

August 2020 - Present

- B.S in Mathematical, Computational and Statistical Sciences (MCS).
- Honours: Yale-NUS Faculty Scholarship.

Current CAP: 4.9/5

Victoria Junior College, Singapore

January 2016 – December 2017

- Eight A-Level distinctions, including 4 H2 subjects and 1 H3 subject.
- Honours: OVA Gold Medal for Academic Excellence, CCA Excellence Award, SINDA Excellence Award, Edusave Certificate of Academic Excellence.

UAS: 90RP

WORK EXPERIENCE

Datature Pte Ltd

May 2022 – August 2022

Backend Engineer (Intern)

- Implemented REST API routes using Express, Typescript, and MongoDB to integrate new features.
- Saved storage costs and work hours by creating a microservice to automate the deletion of inactive users and projects. Utilized GCP Cloud Run and GCP Cloud Scheduler to host and call the microservice.
- Used Postman and Jest test suites to conduct extensive unit, functional, and performance tests.

Reality Detector Pte Ltd, Singapore

December 2020

Full Stack Engineer (Intern)

- Created NodeJS scripts to automate the retrieval, analysis, and storage of data in AWS DynamoDB.

LEADERSHIP

President, Yale-NUS College Hacks

January 2021 – July 2022

- Implemented semester-long software and hardware workshops and projects catering to different skill levels, increasing active membership by 200%.
- Lead the organization and execution of the inaugural Yale-NUS Makerthon, attracting 300% more participants than past events.

President, Victoria Junior College Makers Club

2016 - 2017

- Created a 360° virtual map of the school campus using JavaScript and the Google Maps API.
- Engaged the pioneer batch of members by organizing multiple software and hardware projects.

PROJECTS

Personal Website

May 2021

<https://aadipatwari.com>

- Created a responsive single-page website developed using React.js.
- Hosted on AWS S3 and served on AWS CloudFront.

Studio Log

<https://studiolog.herokuapp.com>

July 2021

- Created a website for musicians to create, read, update, and delete their practice sessions.
- Developed using the Django Python Web framework and deployed on Heroku.
- Implemented algorithms to display summary statistics of practice sessions, instruments, and songs.

T-Rekt Games

<https://play.google.com/store/apps/developer?id=T-Rekt+Games>

January 2015 - December 2016

- Developed three mobile arcade games using Java, C#, and game engines such as LibGDX and Unity.
- Received 1000+ downloads and an average rating of 4.8 stars.

PERSONAL INTERESTS

- Music: Pianist (ABRSM Grade 8 Piano Distinction) and self-taught electric guitarist.
- Animal welfare: Volunteer at SOSD Singapore and occasional cat fosterer.