

AADITYA PATWARI

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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 for new product features.
- Created a microservice to manage the deletion of inactive users and projects. Hosted on GCP Cloud Run and called by GCP Cloud Scheduler.
- Used Postman and Jest test suites extensively to ensure high levels of test code coverage.

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.

Chairman, Victoria Junior College Makers Club

2016 - 2017

- Worked on software projects focused on improving the school environment.
- Organized software and hardware workshops for secondary/JC school students.

PROJECTS

Personal Website

May 2021

<https://aadipatwari.com>

- A responsive single-page website developed using React.js.
- Hosted on Amazon Web Services (AWS).

Studio Log

<https://studiolog.herokuapp.com>

July 2021

- A website that allows musicians to keep track of the hours they spend on their instruments.
- Developed using the Django Python Web framework and deployed on Heroku.
- Implemented features such as user-specific CRUD operations, data filtering, and summary statistics.

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: Plays the piano (ABRSM Grade 8 Piano Distinction) and the electric guitar with a band.
- Animal welfare: Volunteer at SOSD Singapore and occasional cat fosterer.