

Sidharrth Nagappan

<https://mathsforgeeks.org> — <https://github.com/sidharrth2002>

Email : sidharrth2002@gmail.com

Mobile : +60163132154

Seeking an internship for May 2022

EDUCATION

- **Multimedia University** Cyberjaya, MY
Bachelor of Computer Science (Hons.) in Data Science; **CGPA: 3.99/4.00** *Nov 2019 - Present*
 - Lead @ Google Developer Student Clubs- Organised and taught workshops on Python, Javascript, Machine Learning and Flutter with a cumulative total of 600 participants
 - President @ Hackerspace MMU- Led a hacker-maker group to promote an engineering culture amongst undergraduates
 - Deep Learning Specialisation ([deeplearning.ai](https://www.deeplearning.ai)) — Foundation GPA: 4.00/4.00 — IGCSE: 9 A*s

EXPERIENCE

- **Fusionex x Multimedia University** Kuala Lumpur, MY
Undergraduate Researcher in Natural Language Processing *Aug 2021 - Present*
 - An ongoing industrial research project that aims to automate the adherence checking of annual reports through a novel hybrid framework, encompassing LSTMs, keyword attention and linear attention transformers such as the Longformer and BigBird, using Huggingface transformers, Pytorch and Tensorflow.
 - Trained high performance text scoring models on GCP compute clusters
- **Lava X** Puchong, MY
Full Stack Developer (Part Time) *June 2021 - Aug 2021*
 - Built an MNC e-commerce CMS platform using Typescript, React (Next.js), Nest.js and GraphQL
- **Auronex** Cyberjaya, MY
Software Engineer (Part Time) *Oct 2020 - Nov 2020*
 - Integration between the frontend Flutter client and backend API for a fitness application.
 - Worked on a Nodejs RESTful API and a React frontend for an accounting platform and made custom modifications to multiple themed components for clients.

NOTABLE PROJECTS

- **Sambal SOS** Malaysia's first open-source aid data crowdsourcing platform with over 30000 users, inspired by the pandemic. Led a team of 5 developers across all ends of the stack, defined code practices, CI/CD and Docker workflows. Merged over 100 PRs from the Malaysian open source community. Was featured in over 20 major publications in Malaysia and spoke on multiple prestigious forums. — *React.js (Redux, Chakra UI), Node.js (Express), PostgreSQL, GCP* — sambalsos.com
- **Common Sans** Built a credit profile analysis engine powered by web scrapers, bots and natural language processing — *React.js, Tensorflow, Flask* — github.com/sidharrth2002/common-sans

TECHNICAL SKILLS

- Python (Tensorflow, Keras, Pytorch, Scikitlearn, Pandas, Flask, OpenCV), Javascript (Typescript, React.js, Redux, MobX, Next.js, React Native, Express.js, Nest.js, Apollo), Dart (Flutter), Java (JavaFX), C++, HTML/CSS, PHP, MongoDB, PostgreSQL, MySQL, Redis, Google Cloud

AWARDS

- **Hackathons** RHBHack 2021, AtlasHack 2021 (Finalist, Special Challenge Winner)
- **Academic** The Dean's list, KUMON Mathematics Completer, Model UN Chairperson and Debater