



Sheline Sim

Software Engineer

Experience

IoT Engineering Intern at Carro

May 2022 – August 2022

Built a web app serving the team's multiple projects. It contains a fleet management dashboard, an app to interface with an unmanned key cabinet, & more.

Having a web app provided a valuable user-friendly interface which enabled us to extend our projects & subsequently to expand into multiple markets.

Software Engineer at Synthesis

May 2020 – August 2021

Helped to develop a strategic planning tool that models & detects trends in social datasets. I was heavily involved in the entire SDLC, from ideation to implementation, testing, & maintenance while in production.

I worked across the stack, utilizing a variety of frameworks & technologies like ReactJS, NestJS, FastAPI, GraphQL, MongoDB, & GitLab's CI/CD.

Strategic Business Analyst at Grab Holdings Inc.

Mar 2019 – Mar 2020

Built a record linkage model consisting of multiple layers of logistic models to boost merchant acquisition efforts. This model was used in multiple cities in Indonesia.

Separately, I used the word2vec algorithm to analyze sentiment in natural language & to pick out consumer concerns.

Research Intern at Institute for Infocomm Research, A*STAR

Mar 2019 – Aug 2019

Built & compared the efficacy of a mathematical model & a neural network using ROS, C++, & Python to predict the confidence of a localization algorithm based on a stream of LiDAR data as input.

Full Stack Developer (Intern) at Novocall Pte Ltd

Aug 2018 – Oct 2018

Developed new features for the product's admin dashboard using Ruby on Rails running up to the product's launch on Product Hunt.

Education

Bachelor of Science in Computer Science, University of Michigan

January 2022 - Present

Bachelor of Computing in Computer Science, National University of Singapore

August 2021 - December 2021

Diploma with Merit in Information Technology, Ngee Ann Polytechnic

Apr 2017 – May 2020

References

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Course Chair, IT

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Lecturer

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Links

Email

sim.sheline@gmail.com

Website

sheline.me

GitHub

github.com/shleen

LinkedIn

<https://www.linkedin.com/in/sheline-sim/>

Technical Skills

C++, C, Python, R, Java, TypeScript, Swift, C#, SQL

ReactJS, MySQL, ROS, GraphQL, FastAPI, MongoDB, PostgreSQL, Android & iOS App Development, React Native, Wordpress, Angular, Ruby on Rails, Laravel, Vue.js

Git, Scrum, TDD

Accomplishments

Singapore Digital (SG:D) Scholarship (Undergraduate)

IMDA Gold Medal & Prize
Awarded to the most outstanding graduate of a diploma programme.

CrimsonLogic Prize
Awarded to the graduate with the most outstanding academic performance of a diploma programme.

Medallion of Excellence
from WorldSkills Singapore, Web Design & Development

A*STAR Science Award (Poly)

Ngee Ann Polytechnic Scholarship