

Yu Shi Jie

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EDUCATION

National University of Singapore <i>Expected to graduate with Bachelor of Science in Business Analytics</i>	Singapore Aug 2020 – May 2024
Dunman High School <i>GCE A-Level</i>	Singapore Jan 2012 – Nov 2017

EXPERIENCE

Data Analytics Intern <i>Autodesk</i> <ul style="list-style-type: none">Perform data exploration with Qubole and Amazon EMRDesign interactive Looker dashboards to communicate key business insights to higher managementWrite data aggregation scripts with pySparkBuild, schedule and monitor Big Data ETL workflows with Jenkins and AirflowPerform predictive analysis on Autodesk software metrics using Machine Learning with Python (Numpy, Pandas, Scikit-learn, Statsmodel, Matplotlib)	May 2022 – Present <i>Singapore</i>
Student Researcher <i>AI Singapore</i> <ul style="list-style-type: none">Develop a full-stack web application with NextJS and MongoDBCreate a repository for organizations and papers on AI governance with dynamic search and filter optionsVisualize trends in AI governance research with Amcharts	Mar 2022 – Present <i>Singapore</i>

PROJECTS

Covvizzes <i>MongoDB, React, Express, NodeJS</i> <ul style="list-style-type: none">Developed a full-stack web application using the MERN (MongoDB-Express-React-Node) stackDesigned a REST API service for covid-related dataVisualized Covid-related data with Amcharts	Jun 2020 – present
SocialShield <i>Python, Django, React, IBM Watson</i> <ul style="list-style-type: none">Developed a Chrome browser extension which filters harmful social media content using NLPAwarded multiple accolades in national and regional infocomm competitionsPublished on GitHub as contribution to the open-source community	Aug 2016 – Dec 2016
parsERC20 <i>Web3.js, ExpressJS, NodeJS, Etherscan API</i> <ul style="list-style-type: none">Developed a Web3 tool built with ExpressJSDesigned a REST API service that programmatically retrieves current and historical ERC20 tokens owned by an Ethereum account by parsing historical transactions on EtherscanAdded support for the Binance Smart Chain (BSC) network	Jun 2021 – Dec 2021

AWARDS

Asia Pacific ICT Alliance (APICTA) Awards	Merit
IMDA NIC Face-Off App Development	1st
Splash Awards	1st
IMDA NIC Face-Off Data Analytics	2nd

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript/Typescript, R, Rust, Solidity
Frameworks: React, Vue, Flask, NextJS, ExpressJS, Truffle
Developer Tools: Git, Docker, Jupyter, Airflow, AWS
Libraries: Numpy, Pandas, Statsmodels, Scikit-learn, Seaborn, Matplotlib, Keras, Amcharts, EthersJS