Francis Low

https://francislow.netlify.com

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

B.Sc. (Hons.) Applied Mathematics
Minor Computer Science
AUG 17 - PRESENT

SKILLS

PROGRAMMING LANGUAGES

JavaScript | Java | Kotlin | SQL | PostgreSQL

WEB DEVELOPMENT

HTML5 | CSS3 | React | Node | Express | Redux | Meteor | MongoDB | Vue

MOBILE DEVELOPMENT

Android SDK | SQLite | Firebase services | NativeScript Vue

CLOUD

AWS | Firebase Services

CONTACT

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COUSEWORK

UNDERGRADUATE

- Software Engineering
- Database Systems
- Mobile Apps Development for Enterprise
- UI Development

MISC

SUMMER PROGRAM IN WEB DESIGN

Jul 2019 - Aug 2019
Asia University Taiwan

CERTIFICATIONS

Node with React: Fullstack Web Development
Certified Google Cloud Engineer (In Progress)

INTEREST

Freestyle slalom skating
Mobile development
Web development

EXPERIENCE

WEBPUPPIES DIGITAL | FULL-STACK DEVELOPER INTERN

May 2020 - Aug 2020 | View Product

- Spearheaded the development of a mobile app project and its administrator content management web app for **Maxi-Cash Financial Services Corporation Ltd** using *SCRUM methodology*
- App is distributed to stakeholders using *Firebase App Distribution*
- Addressed around 15 stakeholders in weekly client meetings on project updates and direction, and to collect client feedback on newly implemented features
- Assisted in frontend development of a mobile app project for **Neo Group Limited**
- Improved Google PageSpeed Insights of Webpuppies' wordpress site from 20 to 55 and 70 to 90 in mobile and desktop respectively
- Technologies used includes *NativeScript Vue*, *Vue*, *Node*, *Firebase services*, *MongoDB*, *NGINX*, *S3*, *EC2*

NUS HACK FOR GOOD HACKTHON 2020

Mar 2020 | Web App | View Source | View Product

- Top 10 finalist out of 28 teams
- Developed a web app using *React* and *Express*, with 3 other members, to make amazon product pages easier to read and understand

PROJECTS

ASSEMBLE, LOCAL DATING APP

Aug 2020 - Present | Android and iOS | Download Android app | Download iOS app

- A local app made for Singaporeans, which allows users to form meaningful relationship through daily suggested matches
- Built with technologies such as *NativeScript Vue*, *Express*, *Firebase services*
- *Node* server hosted on *AWS EC2*

TEMPERATURE MONITORING DASHBOARD

May 2020 | Web App | View Source | View Product

- A mock temperature monitoring system of Kent Ridge Hall with interactive user dashboard to track temperature changes of rooms, built using *Meteor* and *React*

EMAILY

Dec 2019 | Web App | View Source | View Product

- App allows user to mass send survey emails and track recipients' responses
- Log in using *Google OAuth* and pay via *Stripe*
- Built with *React*, *Express*, *MongoDB*, *Node* and *Redux*

EXTRACURRICULAR

HEAD OF LOGISTICS | NUS SKATING CLUB

Aug 2018 - Aug 2019

- Planned and worked with a cross-functional team to bring NUS Skating events, such as a biannual Skate Clinic event and inter-school skating challenges, to life.
- Takes charge of inventory management and loaning of skating equipments

PROGRAMMES DIRECTOR | PHYSICS ORIENTATION CAMP 2018

- Conceptualize execution and content of activities in accordance with guidelines given by Office of Student Affairs
- Led around 20 Orientation Group Leaders for pre-camp dry runs