

GARION NG YU XUAN

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○ ME ○

I am passionate about user-centric design.

I love seeing people use products I have worked on.

I aspire to be a better designer and software engineer

○ Competencies ○

ReactJS

React Native

Node.JS

AGILE Development

Java

Android Studios

Python

Arduino

○ Interests ○

Application Development

UX Design

Product Design

○ Hobbies ○

 Dancing

 Kayaking

 Hiking

 Travelling

 Reading



EDUCATION

Northwestern University, Evanston, Illinois

Sep 2018 – June-2019

Computer Engineering, Pursuing Segal Design Certificate

Nanyang Technological University (NTU), Singapore

July 2016 – Present

Renaissance Engineering Program (REP):

(Graduating December 2020)

Bachelor in Engineering Science (Computer Engineering) - CGPA 4.95 out of 5.00

Master of Science in Technology Management



ACHIEVEMENTS

SIA App Challenge, 2nd Runners-up

Oct 2017

For this hackathon, our team chose to tackle the challenge relating to SIA's Customer Service Centre. We created a web application which analyses customer inputs and case descriptions to generate personality profiles, categorise cases, and better estimate waiting times using a machine-learned model.

Assisted Bathing Challenge, 2nd Runners-up

Nov 2017

The challenge objective was to create a more automated, hands-free assisted bathing solution. My team came up with a shower trolley design which aimed to reduce the amount of mechanical work required of the caregiver. For the final round of the competition, we were given \$1000 to prototype and test our solution.

SMU Youth Innovation Challenge, 1st Place

Nov 2012 – April 2013

Won a grant of \$10,000 with a mobile application designed to promote financial literacy among youths through partnerships with educational institutions and financial literacy resource providers.

SHRI Human Resource Challenge, 1st Runners-up

March 2013



EMPLOYMENT HISTORY

MSD Prague, Javascript Developer Intern

June 2018 – Sept 2018

Worked in a SCRUM Team to develop a web application that will be used by research scientists. My main role was to implement features from the backlog, based on feedback from our users. I was exposed to libraries and frameworks such as Node.JS Express, ReactJS, GraphQL, Redux, and deployment pipelines.

AIA Insurance, Roadshow Assistant

May 2016 – May 2016

Starhub, Sales Promoter

April 2016 – May 2016

Central Provident Fund Board (Retirement and Health Study Office), RHS Officer

January 2016 – April 2016

Assisted with the testing of the 2016 Retirement and Health Study e-survey platform. My main role was to ensure that the routing logic for the 300-question questionnaire was correct and to make the necessary adjustments.



CO-CURRICULAR

NU Robotics Club, Makers' Division

2018 – Present

Royals Dance Crew (Hall 20)

2017 – Present

NTU Breakers (Breakdancing)

2016 – 2017

NTU Outdoor Activities Club (ODAC)

2016 – 2017

Subcommittee member, involved in the planning and execution of club and public events involving outdoor and adventure sports

NTU Investment Interactive Club (IIC)

2016 – 2017

Subcommittee member of the Business Development Committee, in charge of sourcing for sponsorship for IIC events, like the Alternative Investment Symposium(AIS), Singapore Financial Conference (SFC), and more.

ACJC Entrepreneurship Council

2012 – 2013