Evan Tay

Full Stack Software Engineer at Padlet

CONTACT

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ABOUT ME

Highly-motivated and independent problem-solver passionate about solving meaningful challenges. Self-driven learner who thrives when working alongside cross-functional team members.

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
B.Comp in Computer Science
August 2017 to December 2020
cGPA: 4.14/5.00 (2nd Upper Honors)

STANFORD UNIVERSITY
International Honors Program
June 2019 to August 2019
One of only 10 NUS students selected.

SINGAPORE POLYTECHNIC
Diploma with Merit in Information Technology
April 2012 to March 2015
GPA: 3.90/4.00 (Top 10%)

COURSEWORK

Networking Specialization
Computer Networks Practice
Internet Architecture
Software Engineering Specialization
Software Eng. Principles and Patterns
Software Testing
Residential College 4 Systems
Dynamics program
Mapping connections with Network Sci.
Eating right(s): The Politics of Food

CERTIFICATIONS

AWS Certified Cloud Practitioner
Issued on September 2020
GCP Associate Cloud Engineer
Issued on August 2020

SKILLS

Languages and Frameworks
Fluent: Ruby on Rails, VueJS
Familiar: NodeJS, ExpressJS, ReactJS
Foundation: Java and C++
Exposure: C# and Python
Query Languages
MongoDB, PostgreSQL and MySQL

PROFESSIONAL EXPERIENCE

PADLET
Full Stack Engineer | January 2021 to Present

- Developing **Padlet**, a real-time collaborative and educational platform on which **millions of people across the globe** share content using digital bulletin boards called padlets.
- **Full Stack Engineer**: Building end-to-end features at planet-scale; working on all levels of the stack, from infrastructure and database design to backend and frontend development.
- **Support Engineer**: Working closely with the Customer Support team to triage and route bug reports and feature requests. Developing Support-Engineering workflows as the first Support Engineer.
- **Internal Tools Engineer**: Building and maintaining internal tools for administering and testing Padlet.

NATIONAL UNIVERSITY OF SINGAPORE
Teaching Assistant | January 2018 to December 2020

- **Computer Networks Practice | August 2020 to December 2020**
Conducted weekly 2-hour labs for 16 students covering common network concepts such as SDN and IoT protocols such as MQTT.
- **Programming Methodology | August 2018 to December 2018**
Conducted weekly 2-hour **tutorials** on C and Vim for 14 students.
- **Programming Methodology II | January 2018 to May 2018**

OPEN GOVERNMENT PRODUCTS
Software Engineering Intern | May 2020 to August 2020

- Developed Vault.gov.sg, a Whole-of-Government data discovery and sharing platform where public officers can access cross-agency data-sets for data-driven policy-making.
- Worked as a Full Stack Engineer and Cloud Engineer in a cross-functional team.

PROJECT SHOWCASE

DYNALITE Full-stack IoT Cloud-enabled web app
R-Pi · Python · COAP · ExpressJS · PostgreSQL · ReactJS · Docker

- Developed **Dynalite**, an Internet-of-Things application which performs dynamic visualization of room occupancy.

ACTIVITIES & VOLUNTEERING

NUS GOOGLE DEVELOPER STUDENT CLUB
Deputy Head of Technology | November 2019 to June 2020

- Co-lead a team of 8 Tech Associates in organizing 6 workshops.
- Co-organized and emceed for the first-ever Hack for Good hackathon, a Grab-sponsored event in which 28 teams participated.

NUS SKATING CLUB
President | September 2018 to September 2019

- Organized Skate Challenge 2019 in which over 60 university, polytechnic, ITE and primary school students participated.

AWARDS

2019   NUS Sports Club Colours Award for Outstanding Contributions
2018   NUS School of Computing's Orbital Honorable Mention (Top 11/211)
2013   First runner-up for Isobar Create32 Hackathon SG