# Nathaniel Lin Shixuan

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## EDUCATION

**Singapore Institute of Technology – University of Glasgow**　　　　　　　　　**Sep 2019 – Aug 2022**
*B.S(Hons), Computing Science, 2nd Upper-Class Honours (Distinction)*

**Ngee Ann Polytechnic**　　　　　　　　　**Apr 2014 – Apr 2017**
*Diploma, Mechanical Engineering*

## WORK EXPERIENCE

**NEC Laboratories Singapore**　　　　　　　　　**Sep 2021 – Apr 2022**
*UX Developer Intern*
- Led scrum master duties through daily stand-ups and retrospectives, removing blockers, and continuously updating sprint board
- Contributed to the deployment, automation, maintenance, and management of CI/CD development pipelines and deployed production-ready code into release environments
- Developed UI/UX standards in Angular Framework and API call-backs to visualise data gathered by AI engines
- Enhanced NEC's brand identity through drafting and standardising design elements in its proprietary applications
- Approached requirements elicitation by engaging in design ideation workshop, rapid prototyping, and user testing
- Conducted heuristic evaluation to test UI affordance, product showed a 50% increase in navigation efficiency

**Republic of Singapore Air Force**　　　　　　　　　**Oct 2016 – Feb 2017**
*Admin Support Assistant*
- Streamlined the outdated administration system processes by implementing unit-wide compliances and automating daily tasks with Excel macros, increasing workflow efficiency by 80%

**Pentair Valves & Control**　　　　　　　　　**Oct 2016 – Feb 2017**
*Sales Support Intern*
- Collaborated with a team to analyse risk opportunities and drafted various work plans to be cultivated in new projects or proposals
- Successfully cleared 60% of the organisation's backlog in sales quotation within 3 months, receiving a letter of recommendation

## CO-CURRICULAR ACTIVITIES

**SITizen Ambassadors – "Admissions" Track**　　　　　　　　　**Jan 2021 – Dec 2021**
- Partook in SIT Virtual Open House, representing the facility of computing science, which attracted a turnout of 100 prospective students
- Engaged with SIT stakeholders and external partners to develop branding strategies to co-create the future of SIT

**SIT Campus-Wide Engagement EXCO – Head of Publicity**　　　　　　　　　**Oct 2020 – Jan 2021**
- Organised in campus-wide publicity campaigns which successfully amassed an average of 100 students in attendance among multiple events
- Created and designed marketing collaterals such as electronic digital mail, management of social media account which thereby increasing Instagram followers count by 60%
- Planned a webinar engagement event and a movie night festival which attracted a turnout of 100 participating students

## ACHIEVEMENTS

- **2nd Place – Runner Up: "Melody" Mobile App**, 2021 Glasgow University Tech Society
- **Letter of Commendation: "Best Airman Award of the Month"**, 2019 Republic of Singapore Air Force
- **Certificate of Service Transcript: "Outstanding"**, 2019 Singapore Armed Forces

## SKILLS

**Programming Languages**
C/C++, Python, Java, Kotlin, Javascript, React, Angular, Vue

**Tools**
Figma, JustInMind, Adobe Illustrator, InVision

**Natural Language Processing**
Google Vertex AI, Stanford CoreNLP, Keras/Tensorflow