

Vikram Gopinath

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EDUCATION

National University of Singapore	Aug 15 – Present
<ul style="list-style-type: none">Pursuing a Bachelor of Engineering (Honours)Specializing in Mechanical EngineeringPart of the Design-Centric ProgrammeNUSS-NUS Mentorship ProgrammeParticipated in the NUS School of Computing Orbital ProgrammeCumulative Average Point: 3.81/5Expected Date of Graduation: May 2019	Oct 16 - Present Jun 16 – Aug 16
Singapore Civil Defence Academy	Jul 13 – Feb 14
<ul style="list-style-type: none">Advanced Diploma in Emergency Response and Incident ManagementGraduated with a Lieutenant Rank	

WORK EXPERIENCE

IGMould	Dec 16
<i>Intern/Apprentice</i>	
<ul style="list-style-type: none">Practical study/training of the Workshop and its machines under the mentorship of Mr. Sonichen, Managing Director of IGMould.I was tasked with manually converting simple drawings into machine codes for both machines by the end of my training. While the CNC machines were my main focus, I learned much about various metals and their chemistries along with how to use several other simpler engineering tools and machines such as the grinder and lathe.	
Ministry of Home Affairs, Singapore Civil Defence Force	Feb 14 – Mar 15
<i>Platoon Commander, Alexandra Fire Station</i>	
<ul style="list-style-type: none">Led a team of 24 men through various exercises and turn-outs including the National Day 2014 Standby and the Singapore 2014 Grand Prix StandbyReceived the Service Excellence Award for “outstanding contribution and commitment to service excellence”	Jan 15

ORGANISATIONAL AND COMMITTEE EXPERIENCE / EXTRACURRICULARS

Frogworks Group (Design-Centric Programme)	Jan 17 - Present
<i>Electric Autogyro Project</i>	
<ul style="list-style-type: none">Embarked on a project with the NUS Faculty of Engineering's Design-Centric Programme to build the world's first ultralight electric autogyro. The project is led by Professor Martin Henz from the School of Computing and Mr. Brian Teo from the Faculty of Engineering.	
National University of Singapore D'Makers Club (Design-Centric Programme)	Jan 17 – Present
<i>Member</i>	
<ul style="list-style-type: none">One of five members who plan and execute workshops for NUS Engineering students. Workshops include 3D printing, laser cutting and Arduino (Robotics).	
National University of Singapore Engineering Club	Aug 15 – Aug 16
<i>Publications Committee</i>	
<ul style="list-style-type: none">Contributed to the publication of the Fuse 2015 Magazine	
National University of Singapore Indian Cultural Society	Aug 15 - Present
<i>Committee Member</i>	
<ul style="list-style-type: none">Organized fund raising activities and planned the Indian Cultural Bazaar for NUSTook part in various community involvement projects in 2015 including food distribution to low income families.	Jan 16 Aug 15 - Present

Sheares Hall, National University of Singapore

Aug 15 – Present

Fundraising Committee, Overseas Community Service Project

- Organized fundraisers to allow his team to do community service in Chiang Mai for 15 days

*Member, Touch Rugby**Member, Photography and Media Society**Member, Tchoukball**Member, Convening**Member, Sheares Beats (DJ Club)***Anglo-Chinese Junior College Canoe and Dragon Boat Team**

Jan 11 – Aug 12

Team Member

- Received the Certificate of Merit for Canoeing Oct 12
- National Interschool Canoe Competition K4 Finalist 500m – 4th, 1000m – 5th May 12
- Singapore Canoe Marathon Men's 18km K2 – 5th Place Medalist Overall Dec 11
- Singapore Dragon Boat Interschool Race Overall Champions 500m – 1st, 1000m – 2nd Jun 11

USEFUL SKILLS AND CERTIFICATIONS

- Programming Languages – C, HTML + CSS (Web Design), Python
- CAD – Autodesk Fusion 360, SOLIDWORKS 2015, SOLIDWORKS 2016
- Emergency Response – First Aid, American Red Cross (Lifeguard), CPR + AED
- Adobe Photoshop CS6
- Other Languages Spoken
 - Bahasa Indonesia (Fluent)
 - Malay (Fluent)
 - Tamil (Conversational)
 - German (Beginner)
- Singapore Workforce Skills Qualifications
 - PI-CP-105E-1 Respond to Fire and Hazmat Emergency
 - PI-PRO-325E-1 Implement Incident Management Process