

Enrico Hariono

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Experience

2018-08 - 2018-12	R&D Intern / Extrusion Engineer <i>3M</i> <ul style="list-style-type: none">Improved the characterization process of the polymer additive products by creating an FTIR spectrum library which can be used to characterized an unknown sample. Previously, characterizing an unknown sample was not available.Designed a more efficient samples analyzing procedure. Increased efficiency by 25%.Involved in producing blown plastic film sample. Increased samples preparation lead time by 30% and used 8% less raw materials.
2018-06 - 2018-07	Process Engineer / Quality Control Intern <i>The Polyolefin Company</i> <ul style="list-style-type: none">Learned the gas phase co-polymerization processLearned to operate various tools for checking the quality of the production lineLearned the different properties between polyethylene and polypropylene
2018-08 - present	Undergraduate Research Student <i>Nanyang Technological University</i> <p>Designed and produced a fingerprint tape casing with a Fused Deposition Modeling (FDM) process which final model was filed for a design patent</p>
2017-04 - 2018-04	Logistics Officer <i>NTU Student Union</i> <p>Organised the “U-Study Campaign” (an one-day goodie bag giving event organised semi-annually for about 5000 students) to support students in their preparation for the final examinations (amongst the items distributed include items essential to everyday life in NTU)</p>
2016-04 - 2019-04	Digital Media and Outreach Officer <i>Materials Science and Engineering (MSE) Club</i> <ul style="list-style-type: none">Established a new website for MSE ClubCreated a video to promote “MSE Night Cycling”Organised MSE club’s Facebook and Youtube account

Education

2016-08 - 2020-05	Nanyang Technological University <ul style="list-style-type: none">B.Eng in Materials EngineeringCGPA: 4.68 from 5.00Excelled in Materials and MechanicsPursued an independent study program in product design
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Skills

- Proficient in Designing with CAD (Autodesk Fusion360, Solidworks, AutoCAD)
- Intermediate in programming (C, Python, Microsoft Office)
- Intermediate in Editing video (Premier Pro and After Effect)
- Proficient in English and Bahasa Indonesia