

Mohammad Zirdi Syukur

zirdisyukur@u.yale-nus.edu.sg

+65 8893 0336

Yale-NUS College

10 College Avenue West #01-101

Singapore, 138609

Education

2019 Enrolled in Yale-NUS College
Anticipated Major: Physical Sciences, with a focus on Physics
Expected graduation: 2023

2016-2019 Highschool, American School of Paris

Previous Research Appointments

2020 Yale-NUS - "Testing the Feasibility of Radio Astronomy Data Collection in Singapore"
Worked with Professor Chelsea Sharon on continuing research that aims to build a prototype radio telescope, collect and process information using software called GNU-radio. Aim of the project is to test whether the internationally protected frequency for radio astronomy is sufficiently protected in Singapore to support radio astronomy.

2019 Schlumberger Clamart - Internship
Explored research and development division of Schlumberger, learning about the various technologies used and gaining some programming skills with Python and Raspberry Pi

Relevant Courses

2020 Yale-NUS College: Calculus

2020 Yale-NUS College: Introduction to Black holes

2019 American School of Paris: International baccalaureate Physics Higher Level

2019 American School of Paris: International baccalaureate Mathematics Higher Level

2017 Stanford University: Summer program on "Particle Physics"

2016 Stanford University: Summer program on "topics in physics"

Skills

Computing

Experience with programming in HTML and CSS

Experience with data analysis and R

Basic skills in working with Python and Raspberry PI

Construction and soldering skills acquired through various projects like competing in robotics competition where custom parts were needed, or woodworking at Yale-NUS college.

Certifications

2018	Acquired Oracle's 1Z0-811 Java Foundations Junior Associate Certification
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Honors and Distinctions

2016	Awarded math department award for excellence in Mobile Application Programming
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2018	Awarded physics department award for excellence in Science 11 Physics
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