

Robin Chandra

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Education

National University of Singapore

Jul 2017 – Jul 2021

Bachelor of Engineering, Chemical and Biomolecular Engineering (Honors)

Work Experience

Chevron U.S.A. Inc. (Singapore Branch)

Jan 2020 – Jul 2020

Crude Supply and Trading Intern (Commercial Analyst)

- Developed supply-demand studies and global crude trading strategy.
- Automated analysis tasks, which managed to shorten the working time up to 80%.
- Assisted in the analysis of global and regional refinery availability, market prediction, and modeling.

Cancer Science Institute of Singapore

Jan 2019 – Ongoing

Student Research Intern, Principal Investigator: Dennis Kappei (Ph.D.)

- Contributed to data analysis as well as creative troubleshooting and modification of procedures.
- Validated and characterized proteins crucial in the development of advanced proteomic cancer treatment.
- Quickly adapted to a new work environment, adopted new skills and techniques rapidly.

Education Authority of Jakarta

May 2016 – May 2019

Coordinator of Teaching Assistants, Teacher

- Radically changed the structure of the organization and successfully increasing its cost-effectiveness.
- Effectively increased the team performance: from an average of 1 gold to 2 gold medals won annually.
- Introduced an online learning platform to better cater to student needs and improve collaboration.

Honors and Awards

ASEAN Undergraduate Scholarship

Jul 2017 – Jul 2021

National University of Singapore

Awarded to students from ASEAN countries, who have strong leadership qualities and potential, good co-curricular records, and possess outstanding high school results. The scholarship covers full tuition fee and subsidizes living costs.

Silver Medal – 27th International Biology Olympiad

Jul 2016

International Biology Olympiad 2016

One of the most prestigious International Science Olympiad for high school students, participated by 69 countries worldwide. Both theoretical and experimental skills were tested, emphasizing on analysis of data and logic.

Gold Medal – 14th National Science Olympiad (Biology)

May 2015

Ministry of Education of Indonesia

National Science Olympiad (OSN SMA) is an annual competition for high school students (over 320.000 students) from all across Indonesia to select four delegates of Indonesia in the International Science Olympiad (ISO).

Voluntary Works and Organizations

NUANSA Cultural Production

Nov 2017 – Oct 2018

Marketing Director

- Budgeted marketing expenses, reduced cost by about 50% while maintaining optimum performance.
- Planned marketing campaigns that successfully attracted more than 80% of the projected sales.
- Maintained clear and effective communication between divisions.

Mission: We Care (Misi Kami Peduli – MKP)

Aug 2017 – May 2018

Health Division Member and Qualified First Aid Personnel

- Embarked on a humanitarian mission to improve the welfare of Homba Karipit Village, Indonesia.
- Installed solar panels to promote village energy self-sustainability.
- Successfully maintained volunteer's health and safety in the Malaria infested village.

WR Biology Olympiad

Aug 2016 – Aug 2018

Co-Founder (Site: <https://robinchandra1.wixsite.com/resource>)

- Secured partnership with the Education Authority of Jakarta as an online learning platform for the Provincial Science Olympiad training and selection rounds.
- Designed user-friendly, functional, and attractive UI for better user experience.
- Conducted marketing campaigns that attracted thousands of teachers and students all over Indonesia.

Skills and Languages

Programming Languages and Applications

Languages

- Python, Microsoft Office Suite, Power BI, HTML, CSS, Javascript

- Indonesian (Native), English (Bilingual), Chinese (Elementary)

open the following URL (secure) for a more detailed portfolio: <https://robinchandra.net>