Luke Wong Zhi Kiang

Junior Web Developer

✉ lukewong93@gmail.com

📞 +6017-3696453

⌖ github.com/lukewzk

in linkedin.com/in/luke-wzk

PROFILE

Dedicated professional with 3 years of experience in the engineering field, specialising in the commissioning and maintenance of various bio-diesel and palm oil mill plants in Malaysia. I am currently seeking a job opportunity in web development and will use my experience, skills, and expertise to contribute to the management team at your company if given the opportunity.

SOFTWARE SKILLS

Microsoft Excel   ● ● ● ● ○

AutoCAD   ● ● ● ● ○

CSS3   ● ● ● ○ ○

ReactJS   ● ● ○ ○ ○

Python   ● ● ○ ○ ○

EDUCATION

NEXT Academy, *Quantum Degree*
2019 – 2019 | Malaysia

University of Birmingham, *MEng (Hons) Chemical Engineering*
2014 – 2016 | United Kingdom

Taylors University Lakeside, *MEng (Hons) Chemical Engineering*
2012 – 2014 | Malaysia

REFERRALS

Liren Yeo, *Mentor*, NEXT Academy
019-8891231

Nicholas Ong, *Mentor*, NEXT Academy
012-5290166

PROJECT HIGHLIGHTS

FoodyMoody App, *Final Project at NEXT Academy*
- **Facilitated** the front-end development of the "FoodyMoody" app which is aimed to reduce the time taken for users to decide on a place to eat, while **increasing daily productivity**.

Nextagram, *Project at NEXT Academy*
- **Replicated Instagram** by **utilising ReactJS in 1 week**. Built a fully functioning **back-end server using Python and Flask** (as a framework) for "Nextagram" which enabled users to sign up and store their data.

Noble Carbon Capture Unit, *Bi-annual Engineering Design Fair*
- **Designed a carbon capture unit** that is capable of **absorbing harmful carbon monoxide gas** from vehicles.

Chemical Powered Race Car, *Bi-annual Engineering Fair*
- **Designed** a car that is **powered by a chemical reaction** to run a certain set distance.

Multipurpose Baby Stroller, *Bi-annual Engineering Fair*
- **Designed** a baby stroller that can **maneuver up escalators** and steps.

Solar Powered Race Boat, *Bi-annual Engineering Fair*
- **Designed and constructed** a fully functional race boat to be **fully powered by solar energy** which **won second place** in the race.

PROFESSIONAL EXPERIENCES

NEXT Academy, *Student*
07/2019 – 09/2019
- **Spearheaded** the creation of over **7 web apps** including a Tic-Tac-Toe Game, "Elusive Button Challenge", To-do List, Random GIF Generator, and a Live Message Board.

Lipochem Bio-tech Sdn. Bhd., *Project Engineer*
10/2017 – 07/2019
- **Represented and assisted** the company in the commissioning and construction of a multipurpose pilot plant for Sime Darby which helped to **generate income** for the company.
- **Assisted** in the pre-commissioning phase of a bio-diesel plant for Wilmar Group (Indonesia) which helped ensured the **smooth operation** of the commissioning phase later.
- **Commissioned** a crude palm oil (CPO) washing plant for Gan Teng Siew Realty Sdn. Bhd.

Rovski Sdn. Bhd., *Product Development Engineer*
10/2016 – 10/2017
- **Developed a new type of product** (butyl tape) for the company which helped **gained sales and revenue** for the company.
- **Implemented working practices such as 5S & Kaizen** daily which helped **improve the overall working quality/condition** of the company and department.