

# Phot Koseekrainiramon

[linkedin.com/in/phot-kosee](https://www.linkedin.com/in/phot-kosee)

## PROFILE

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Software Developer

GitHub: [github.com/PhotKosee](https://github.com/PhotKosee)

HackerRank: [hackerrank.com/kosee\\_phot?hr\\_r=1](https://www.hackerrank.com/kosee_phot?hr_r=1)

LeetCode: [leetcode.com/peachkosee/](https://leetcode.com/peachkosee/)

## EDUCATION

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**Bachelor of Engineering (Honours) (Computer)**  
**University of New South Wales | Sydney, Australia**

February 2022 - December 2024 (Expected)

- WAM: 80.143%

**Bachelor of Electrical Engineering (Double Degrees)**  
**Thammasat University | Pathum Thani, Thailand**

June 2019 - November 2021

- GPA: 3.42/4.00

## EXPERIENCE

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**Casual Academic**  
**UNSW Computer Science and Engineering | Sydney, Australia**

May 2023 - Present

- Achieve marker role for COMP3121/9101 (Algorithms and Programming Techniques Course) with 500+ students
- Guide and provide meaningful feedback to 100+ students to acknowledge and encourage students to solve algorithm problems

**Real Estate Agent**  
**P2N Property | Bangkok, Thailand**

June 2020 - December 2021

- Represented clients to rent houses and apartments, and directed clients' lease agreements
- Developed exceptional customer service, handled complaints, and ensured customers satisfaction

## TECHNICAL SKILLS

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- Programming Languages: C | JAVA | JAVASCRIPT | TYPESCRIPT
- Others: HTML | CSS
- Frameworks: REACT | TAILWIND CSS

## ACADEMIC COURSES

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Relevant courses: Data Structures and Algorithms, Object-Oriented Design and Programming, Algorithms and Programming Techniques, Operating Systems, Computer Networking

## RELEVANT PROJECTS

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**Handle VM fault in the operating system in C**  
**UNSW**

April 2023 - April 2023

- Implemented hash page table to handle page fault and applied linked list to dynamically stack regions (ranges of virtual memory) resulting in 90% quality output testing

**System calls for the operating system in C**  
**UNSW**

March 2023 - March 2023

- Applied per-process file description table with global open file table design (used by Linux and most other Unix operating systems) to handle fork and dependent file pointers; attained 100% quality output testing

**Backend development for 'Dungeon Mania' game in Java**

October 2022 - November 2022

**UNSW**

- Refactored and improved design by applying Object Oriented Programming design patterns such as Factory Method, Strategy, State, and Composite patterns
- Presented project by conducting a UML diagram; led a team to achieve 97% quality output testing

**Backend development for a Satellite Orbit application in Java**

September 2022 - September 2022

**UNSW**

- Implemented different kinds of satellites with unique orbits using Strategy pattern; awarded in 100% quality output testing for challenge task (resolved Knapsack-like orbital behavior of a satellite) and contribution to forums

**Backend development for a Communication Platform in JavaScript**

June 2022 - July 2022

**UNSW**

- Organized issue board, built and maintained CI/CD workflow on git to ensure high quality of code
- Accomplished authentication feature, built a CRUD application, and converted code from JavaScript into TypeScript
- Deployed project via Heroku and achieved top 5 in all three rounds of quality testing among 150+ teams

**TRAINING AND CERTIFICATIONS**

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- [IBM Full Stack Developer Specialization](#)