Kittaphot Saengprachathanarak

Email: zno.ksy@gmail.com   Github: github.com/ZnoKunG   Phone: (+66) 98-275-3733
LinkedIn: linkedin.com/in/kittaphot-saeng   Portfolio: znokung.github.io/znokung-portfolio/

WORK EXPERIENCE

Polytechnique Montréal   **Quebec, Canada**
Intern Researcher   June 2024 - September 2024

- Contributed in reviewing the *"Bug Characteristics in Quantum Software Ecosystem"* published paper.
- Familiar with fundamentals to quantum programming and academic publishing process

Jumbo Jumps Co., Ltd.   **Bangkok, Thailand**
Intern Full-Stack Developer   May 2023 - July 2023

- Collaborated in an Agile environment using Jira and Git for task tracking and feature integration.
- Developed gameplay prototypes in Unity, C# and utilized OOP for scalable and flexible designs.
- Built RESTful APIs using .NET Core with Swagger, supporting front-end requests with Angular-based admin tools.

NOTABLE PROJECTS

Biblia: Personalized Reading Record with Search Engine and Recommendation Chatbot   **Bangkok, Thailand**
Senior Project: Software Developer   January 2025 - Now

- Developing a mobile app using React Native and Expo integrated with a back-end service using Golang and Gin.
- Designed recommendation chatbot integration with personalized user data using chatbase.co.

Wangjung: Job Finding for Elderly Mobile Application   **Bangkok, Thailand**
Capstone Project: Full-Stack Developer and Scrum Master   January 2024 - May 2024

- Led Scrum-based project management, including sprint planning, tracking progress, and reviews.
- Designed and developed a mobile app using React Native with Expo and a back-end service with NestJS with Swagger integration, deployed via Docker on DigitalOcean.
- Implemented CI/CD pipelines with GitHub Actions for automated production releases.

The paper is available at https://ieeexplore.ieee.org/document/10793699.

Find My Mines   **Bangkok, Thailand**
Netcentric Architecture Project: Full-stack Developer   August 2023 - October 2023

- Developed a multiplayer game using TCP/IP library in Unity, C#.
- Implemented .NET back-end server following Authorative Server Architecture communicating between clients.

Anachronic: Time puzzle game   **Bangkok, Thailand**
Personal Project: Game Developer and Game Designer   January 2023 - April 2023

- Won Talent of the Year 2023 and Best of Technology awards in Game Talent Showcase 2023 by Thai Game Software Industry Association (TGA).
- Developed character-related functionalities such as movements, and time power.
- Designed various game levels and receive feedbacks from team members and testers.

EDUCATION

Chulalongkorn University   **Bangkok, Thailand**
Bachelor's degree in Information and Communication Engineering, 3.67 GPA   *August 2021 - Graduating in 2025*

Tsinghua University   **Beijing, China**
Exchange Student Program in Industrial Engineering, 3.58 GPA   *September 2024 - January 2025*

SKILLS & PROFICIENCIES

Computer Languages: Typescript, Javascript, HTML, CSS, C#, C, C++, Python, Java, SQL
Libraries: React, React Native, Angular, NestJS, .NET Core, CUDA, HLSL, GLSL, SFML, Unity
DevOps: AWS, DigitalOcean, MongoDB, Azure, Firebase, Github Actions
Communication Languages: Thai (Native), English (IELTS 7.5)