Raphaele Michelle Guillemot

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🪪 Profile

I'm a final year student in Design+ and Computer Science with experience in software development and game programming using Unity, C#, React.js, and Firebase. My core skills include full-stack development, agile project management, UX/UI design, and technical consulting. I have strong collaboration and leadership skills, with a history of working with cross-functional teams, managing branding and marketing, and co-founding a startup.

I am excited to leverage my skills and experience to drive innovation and growth in the tech industry.

🎓 Education

Bachelors of Arts and Science in Design+, Bachelors of Engineering in Computer Science,   08/2020 – 06/2024

The University of Hong Kong

Modules taken: 3D Modelling and Scripting, Python, C++, Data Structures and Algorithms, Object-oriented programming, Computer Graphics, Game Programming, Databases, Software engineering, Artificial Intelligence

Exchange Semester, *Uppsala University*   08/2023 – 01/2024

Introduction to Level Design - Pass with Distinction
Clean Code and API Design - Pass with Distinction

💼 Professional Experience

Gamucatex, *Gameplay Programmer (C#, Unity)*   06/2023 – 07/2023

Gamucatex is developing Tectonicus, a deck-building video game that promotes critical thinking about history.

- Contributed to the game's full-stack development for two months in an **agile** project management.
- Worked on a build of the game with two developers for the 2023 Roskilde Festival within a month.
- Expanded on the game's cards ability system by including three **architecture-changing features**.
- Encouraged **department collaboration** between developers, game designers, and UXUI designers, leading to an action plan to improve the game's UXUI and task delegation.

Press Start Academy, *Analyst – Learning Strategy*   02/2024 – present

Press Start Academy is a ground-breaking edtech startup reimagining learning through play and games.

- Create a tool for English primary teachers to generate fun and interactive homework assignments using **ChatGPT API** and **React.js**.
- Documented through **Software Requirement Specifications**, complete diagrams, and detailed **use cases**.
- Hold bi-weekly meetings with the Education University of Hong Kong to collaborate with their teachers and present progress for funding.

PLACE ARCHT,   05/2021 – 07/2021

Technical Consultant and Web Application Developer

PLACE ARCHT Studio is passionate about placemaking to develop future-proof and sustainable urban cities.

- Turned PLACE ARCHT's wireframes into a website using JQuery in less than two months .
- The website was displayed on a touchscreen monitor, allowing prospective customers to explore the **VR space**.

Hong Kong Baptist University, *Junior Research Assistant* 11/2021 – 07/2023

Collaborated with an Assistant professor from the Department of English Language and Literature to deliver an 1800 Cosmopolitan Educational website.

- Conducted supporting **research** on famous literature and icons in the 18-1900s.
- Ideated and designed the UX/UI wireframe and program of an informative yet visually appealing **React.js** website.

🖋 Leadership Experience

AIESEC in Hong Kong, 05/2022 – 06/2023

Manager of Branding and Marketing in Website & UX/UI

AIESEC is a youth-led, non-profit organization. Existing in over 120 countries and territories, they activate youth leadership through volunteer and internship exchanges.

- Developed responsive and animated webpages under aiesec.hk using **WordPress & Elementor**
- Worked with the Social Media Manager to boost CTR to **55%** using **analytics** and **SEO Optimization**
- Counselled UX/UI designs and campaign strategies with **six university chapters**.

Sphere, *Co-founder, Head of Design and Tech* 12/2020 – 12/2021

Sphere aspires to be a popular chatting app that aims to build friendships through an algorithm that studies and matches personality, sense of humor, and interests between communities, starting with 100+ university students in Hong Kong.

- Oversee and contribute to the **full-stack development** of the app from **ideation to working prototype** with other product managers using React Native and Firebase.

📚 Courses

Unity Dreamscape Design and Interaction, 07/2020
HKU Summer Institute

Coding and Web Development courses, *First Code Academy* 2017 – 2019

Creative Multimedia Illustration Certificate Program (Advanced), *The Hong Kong Design Institute* 2017

🧩 Skills

Full-stack development, Game Programming, Agile project management, Software engineering, Clean Code.

Research, Technical consulting, Cross-functional team collaboration, Analytics, SEO optimization.

Technical: Python, C++, C#, Java, JavaScript, JQuery, React.js, Next.js, Three.js, Github, Firebase, Unity, Unreal Engine 5, WordPress, Elementor.

🌐 Languages

English • French • Mandarin