

Fion (Goy Kai Xuan)

UI/UX, Product, Graphic and 3D Designer | User Research + Prototyping

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EDUCATION

Singapore University of Technology and Design

Singapore

Sept 2023 to Present

- Bachelor of Science (Design and Artificial Intelligence)
- Minor in Computer Science
- Minor in Design, Technology and Society
- GPA 4.43/5.0, Global Merit Scholarship Holder
- Date of graduation: May 2027

Chalmers University of Technology

Sweden

Jan 2026 to Jun 2026

- Exchange program
- Game engine architecture: C#, Object oriented programming, building scalable engines subsystems
- Design for Experience: Conducted comprehensive user studies on Swedish automotive exterior lighting — utilizing UX curves, user interviews, and semantic differential scales — to develop and pitch data-driven design concepts.
- Human-Robot Interaction & AI: Completed advanced coursework in Artificial Intelligence and Human-Robot Interaction, culminating in a research project on educational robotics designed to mitigate cultural barriers and student social anxieties in the classroom.

Singapore Management University x Universiti Brunei Darussalam

Singapore, Brunei

Jun 2024 to July 2024

- TF LEaRN Summer program – Awarded to only 3 students in SUTD
- 1-month cultural immersion program (2 weeks in Brunei, 2 weeks in SMU) about digital transformation in E-business and artificial intelligence

School of the Arts

Singapore

Jan 2017 to Nov 2022

- International Baccalaureate (IB), specializing in Visual Arts
- IB score: 40/45 (6 HL Visual Arts, 6 HL Chemistry, 6 HL Mathematics AA)
- Distinctions in Visual Arts (2020), Distinction in CAS - Community service (2022)

WORK EXPERIENCES

Govtech

Singapore

UX Designer Intern

June 2026 to Sept 2026

- Explored and proposed comprehensive brand guidelines to align visual identity with the specific requirements of collaborative client projects.
- Designed a scalable dashboard accommodating five distinct user personas by defining core requirements and creating responsive wireframes for desktop, tablet, and mobile interfaces.
- Developed mid-fidelity prototypes utilizing an established internal design system to ensure global visual consistency and seamless functionality across all device breakpoints.

Govtech (Girls in Tech Program)

Singapore

UX Designer

May 2026 to July 2026

- Collaborated closely with an industry mentor to strategically enhance the narrative storytelling, structural layout, and overall visual design of a professional design portfolio.
- Migrated and modernized the portfolio platform from Google Sites to a custom Figma-based solution, resolving structural rigidity and significantly improving page loading performance.
- Engineered a scalable design system using Auto Layout and dynamic constraints to ensure consistent interface construction and optimize the end-to-end design workflow.
- With the help of Claude, deployed it on github

Home Team Science and Technology Agency (HTX)

Singapore

UI/UX Design Intern

Aug 2025 to Dec 2025

- Designed informative one-pagers and 3D visualizations using Blender and Adobe Illustrator to communicate complex startup technologies to non-technical audiences
- Conducted country-level research on innovation and science & technology ecosystems across the UK and Europe to inform startup collaboration strategies
- Researched and synthesized emerging technologies such as radio-frequency sensing and immersive displays, tailoring content and visuals to target audiences and presenting technical material in clear, accessible formats

ACADEMIC PROJECTS

Service Design Studio

Singapore

Workflow automation for reliability engineering team at AMD Singapore

May 2025 to Sept 2025

- Conducted user research and workflow analysis with AMD's reliability engineering team to identify bottlenecks in manual Excel-based data processes
- Designed and prototyped a web-based interface using Figma and React.js to streamline data entry, visualization, and reporting tasks
- Collaborated with engineers to translate process requirements into intuitive UI components, improving efficiency and reducing repetitive manual operations

Human-Computer Interaction and AI Module

Singapore

66 Days (a budgeting app for University Students)

May 2025 to Sept 2025

- Conducted user interviews and surveys with Singapore university students to identify spending habits, financial challenges, and behavioral motivations behind budgeting lapses
- Synthesized findings into personas and key insights that guided app features such as a "Splurge Meter" and motivational habit-tracking elements
- Designed and iterated mid-fidelity prototypes in Figma, conducting usability tests to refine interface clarity and engagement
- Developed a high-fidelity interactive prototype using React + Vite, translating validated user flows into functional UI components

Product Design Studio

Singapore

Redesigning the future of EV charging

Jan 2025 to April 2025

- Design lead for a super team of 10 to redesign the future of EV charging
- Using 3D modelling tools such as Blender and Fusion360 for animation and prototyping
- Researched on the future of EV charging in Singapore, conceptualized and storyboard a product from scratch

CO-CURRICULAR ACTIVITIES

Singapore University of Technology and Design

Singapore

House Guardian Exco (Floor Events)

June 2024 to May 2025

- In charge of well-being of residents in SUTD hostel, ensuring a vibrant hostel life
- Hosting events, engaging with residents of various backgrounds
- Floor Events Exco: Organised welfare packing and was the main in-charge for floor events for 1000+ hostel residents. Worked closely with exco team and upper management on administrative and logistics matters

ADDITIONAL INFORMATION

- Technical Skills (Design): Adobe Illustrator, Adobe Photoshop, Adobe After Effects, Adobe Premiere Pro, Procreate, Blender, Figma, Fusion360
- Technical Skills (Programming): Python, Pandas, Matplotlib, Matlab, Javascript, React Native, React.js, C#
- Technical Skills (Others): Microsoft Office Suite, Miro
- **Conquered a lifelong fear of heights by scaling Slovenia's Julian Alps! — and learned the value of strategic pivots by knowing exactly when it was time to turn the hiking party around. (+ did a roadtrip around Slovenia where I saw many waterfalls & learnt how to skip stones!)**