Tam Lock Yin

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Work Experience

Singtel, Management Associate, Singapore   May 2021 – Present
- UX Designer at NCS NEXT Experience Design, doing user experience design under the Singtel Management Associate Programme.
- Front end development for client (PUB), for the redesign of their website, working with UX designers to transform Figma designs into code to be implemented.
- Visitor Experience design consulting for client (National Gallery Singapore), conducting user research and facilitating ideation workshops to redesign the Gallery's visitor experience journey.
- Lead UI designer for an enterprise navigation software, creating design in Figma and working with front-end developers to ensure product is as designed.
- UI/UX design and development for robotic nurse assistant using After Effects and Python (PyQt5), and robotic delivery payload design through 3D modelling and printing in Fusion360.
- Product design of new smart home solution for use in eldercare industry, from requirement gathering through interviews with nursing homes, to customer journey mapping and interface design of the solution through Figma. Solution shortlisted for IMDA Open Innovation Challenge.

Graphene Services, UI/UX Design Intern, Singapore   May 2020 – Aug 2020
- Designed interface and user experience of new company website.
- Market research and UI design of new scheduling and collaborative task delegation product.

Partsmaster, Product Design Intern, USA   May 2019 – Nov 2019
- Product design of new telemetric hardware storage system through 3D modelling and prototyping.
- Mobile app layout and function prototyping of customer app for the new product through Adobe XD

Accesstech Engineering, Mechanical Engineering Intern, Singapore   Jun 2017 – Aug 2017
- Quality control testing of air flow and pressure and checking engineering drawings on-site.

Education

Nanyang Technological University, Renaissance Engineering Programme   Aug 2016 – Dec 2020
- Scholar programme (top 2% yearly cohort), awarded Renaissance Engineering Scholarship
- Master of Science in Technology Management and Degree in Engineering Science (Mechanical Engineering)
- Second Upper Class Honours
- Relevant Coursework: Human Computer Interaction, Management of Product Development, Product Design Engineering, Business Analytics and Applied Machine Learning

University of California, Berkeley   Aug 2018 – May 2019
- Relevant Coursework: Introduction to Computer Programming for Scientists and Engineers, Solid Modelling and CAD/CAM fundamentals

Skills
- 3D Modelling: SolidWorks, AutoCAD, Autodesk Inventor, Autodesk Fusion 360
- Adobe Suite: Photoshop, Illustrator, XD, Lightroom, After Effects
- Agile Product Management, Figma, Invision, Microsoft Word, Powerpoint and Excel
- Data Visualization & Analytics: R
- Programming Languages: HTML, CSS (Completed "Intro to Web App Development" at Smartcademy, Completed "Bootstrap Fundamentals" by Skillsoft, "ReactJS Bootcamp" by Skillsoft), C++, Python
- Languages: Proficient in English and Mandarin, Learning Korean and Spanish