Darien Tan Shi Feng

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Profile

Eager and willing to learn new skills. Organized, detailed and taking pride to deliver. Reliable, focused and is driven to deliver success through grit and determination to achieve exemplary results. Ever looking ahead, to learn, develop and improve. Willing to travel and expand his knowledge to contribute efficiently and to provide innovative and market-disruptive solutions.

Skills

Front-end	Figma , HTML , CSS, Vue.js
Back-end	PHP , Javascript , MYSQL , REST API , Flask
Programming	Python , C , VBA , Docker, Kong , RabbitMQ
Engineering Design	AutoCAD , CREO(3D)
Other Software	Jira , Freshping , Signavio , Mural , Word , PowerPoint , Excel
Languages	English , Mandarin Chinese

Education

Singapore Management University *Aug. 2020 - Present*

Bachelor of Science (Information Systems) - Business Analytics and Digitalization & Cloud Solutions
- Web Application Development I (WAD1) Teaching Assistant on Year 2021 Semester 2.
- Expected graduated year : 2024

Ngee Ann Polytechnic *Apr. 2015 - May. 2018*

Diploma with Merit in Mechanical Engineering with Minor in Business Management
- GPA of 3.69 out of 4.0
- Overseas Immersion Program at Chengdu China
- Student Exchange – Kumamoto, Japan

Hackathon

Ninja Van Code Dojo 2022: Offers customising routes for last mile deliveries by letting drivers optimise their own routes
NUS Hack&Roll2022: Creation of a telegram bot which aims to allow university students to find group-mates for their modules.

Work Experience & Volunteer Work

Sony *May. 2022 - Present*

Business Analyst Intern (Attachment)
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The Hidden Good (THG) *Dec. 2021 - Present*

UI/UX feedback Volunteer (Voluntary)
- Map out business processes to identify bottlenecks and propose IT solutions
- Develop user-centered designs from business requirements and user feedback
- Generating user flows, wireframes, and prototypes
- Identifying and troubleshooting UX problems
- Using customer feedback, usage metrics, and usability findings into design to enhance user experience. This will assist in developing the Human Machine Interface (HMI)

Civil Aviation Authority of Singapore (CAAS) - Civil Aviation Medical Board (CAMB) *May. 2021 - Aug. 2021*

IT Consultant Intern (Attachment)

- Undergo a project to enhance the Electronic Licensing Medical Records System (ELMeRS) which is an end-to-end service platform that supports the business processes of the medical certification regime.
- Understanding the medical fitness certification requirements, business processes and oversight approach in order to ensure the system meets the needs of the user.
- Understand approach to digitalization, e-services and cybersecurity challenges for an electronic medical records system in a closed loop environment which requires compliance to IM8.
- Study and propose solutions for functional bugs experienced by the user interface
- Analyze quality of data acquired and issues to derive the factors that determines the system performance and usability
- Understand the importance of a Business Continuity Planning (BCP) and its importance in Singapore's aviation safety framework
- Appreciate government policies and policy strategies on a global level while participating as a member of International Civil Aviation Organization (ICAO)
- Propose innovative ideas using both AI and Automation processes in preparation for the next generation ELMeRS.
- Work closely with developers and contractors through Focus Group Discussion (FGD) in future proofing ELMeRS
- Assisted in the generation of Designated Medical Examiner (DME) audit statistics which is to be used in Universal Safety Oversight Safety Audit (USOAP) international audit to display CAMB's oversight process and compliance
- Implement VBA and Macro methodologies to improve accuracy and efficiency for the purpose of mining quality data.

A*STAR - Data Storage Institute (DSI) *Sep. 2017 - Feb. 2018*

Software Developer Intern(Attachment)

- Developed Graphic User Interfaces (GUIs) using Python software to aid A*STAR researchers in the processing of sophisticated data utilized for experimental outputs (e.g., microscopic images)
- Develop a customized tool using Python Programming Language to perform image processing for Skyrmions (Particle Theory). The processing of data through image rendering is a sophisticated process relying on complex mathematical models using the Gaussian Function
- Develop a customized tool using Python Programming Language to convert data files to Spectra Image by relying on data points and sorting algorithms, numerical data is hence converting to a readable and relatable chart image for further study and references which would be useful for conclusion of findings/ studies.

Auresys PTE LTD *Mar. 2015 - Mar. 2015*

Assistant Engineer (Vacation Job Stint)

- Carry out studies on mechanical components to improve the vending machine features
- Carry out on-site troubleshooting works which includes hardware and software rectification to operationalize the machine
- Understand the customer's pain points and challenges to develop new features to be included in Auresys product offering which was subsequently adopted by the company.

National Service

Singapore Armed Forces *Aug. 2018 - Aug. 2020*

Building and Infra Clerk, 3rd Army Maintenance Base (3 AMB)

- Responsible for the scheduling of serviceman for training including IPPT and Outfield.
- Completed Automotive Basic Technician Training at OETI Engineering School
- Acquire technical knowledge for the operation and maintenance of wheeled vehicles.
- Oversaw A&A repair works on building and infrastructure for multiple camps.
- Responsible for raising work orders and contract management via the EPS system.
- Responsible for indenting travel request for vehicles via ITMS and CVMS system
- Responsible for facilities management duties such as fire extinguisher inspection and fire readiness inspection (as advised in the fire code) for oil rooms and POL stores.
- Assisted in logistics for National Day Parade 2020
- Attained Best Soldier of the month of July 2020

Extracurricular Activity

SMU .Hack *Oct. 2021 - Present*

Member

- Develop new programming skills outside school curriculum such as Spring boot and React

SMU Business Intelligence and Analytics (BIA) *Aug. 2020 - Present*

Member

- Participated in workshops such as Tableau, Machine Learning and Web Scraping

SMU Whitehats Society *Aug. 2020 - Present*

Member

- Understand the importance of cybersecurity

Boys Brigade   *Jan. 2011 - Dec. 2014*

Awards NCO

- Attained Staff Sergeant Rank
- Responsible for leading and planning events such as camps and orientation programs
- Actively contribute and participate in "Share-a-gift" consecutively from 2011 to 2014
- Team Member in which the team was awarded the Gold Award at the inter school competition organized by HQ