Isaac Thean

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EDUCATION

Northeastern University, D'Amore-McKim School Of Business   *Boston, MA*
Candidate for BS in Business And Computer Science   *May 2027*
Concentration: Finance, Fintech   **GPA:** *3.92*
Awards & Activities: Dean's List (all semesters), REV Entrepreneurship, CTF Cybersecurity, NU Breakdancing
Relevant Coursework*:* Object Oriented Design, Computer Systems, CS Fundamentals 1&2, Investments, Accounting

United World College of South East Asia   *Singapore*
International Baccalaureate Diploma   *July 2021*

PROFESSIONAL EXPERIENCE

TacnIQ.ai   *Singapore*
AI Innovation / Front End Development Intern   *June 2024 - September 2024*
- Fine-tuned custom multimodal machine learning models by processing large-scale datasets to improve performance and accuracy
- Developed dynamic, user-friendly web pages with React.js, while integrating 3D models using Three.js to create a unique UX
- Provided technical consulting and supported client outreach efforts with integrating multimodal AI systems for workplace safety

Singapore Armed Forces - Infantry Training Institute
Corporal   *Singapore*
Infantry Trainer/Company Representative   *September 2021- July 2023*
- Innovated on training grenade practices by developing a non-lethal and realistic grenade solution to enhance training equipment
- Facilitated key communications between military unit and headquarters as principal spokesperson, enhancing operational cohesion
- Operated a 3-week overseas-joint training exercise in Thailand, showcasing adaptability and cross-cultural cooperation

BlockMeister   *Singapore*
Software Development Intern   *July 2021 - September 2021*
- Contributed to a project for backend database development, creating a database for storing client information using Firestore
- Contributed to front-end website development, enhancing user interfaces and improving site responsiveness across all devices
- Spearheaded efforts in SEO optimization, content creation, social media engagement, and email marketing to boost engagement

HypeHack   *Singapore*
Marketing Intern   *July 2020 - September 2020*
- Designed Facebook Ads campaigns, including ad design and copywriting, to generate leads and expand the client base
- Utilized marketing analytics to optimize ads, and built a prototype marketing campaign that effectively targeted key demographics

Fly Fish Consulting   *Singapore*
Summer Intern   *July 2019 - September 2019*
- Conducted extensive prospecting to identify potential clients, identifying key stakeholders and decision makers in the process
- Reached out to several billion-dollar companies, cultivating valuable relationships and effectively pitching the company's services

PROJECTS

AI Personality Analysis *(Python, Pytorch, React, Javascript, Hugging Face Transformers)*   *September 2023 - Current*
- Fine-Tuned a BERT machine learning model using transfer learning, to estimate HEXACO personality traits from audio clips
- Designed and developed a sleek UI interface using industry standard UX principles in React.js, with Firebase backend integrations
- Fine-Tuned a LLM Model (Llama 3.2) using LoRA to dynamically generate personality test questions, for seamless conversation

SKILLS & INTERESTS

Technical Skills: Python (Pytorch), Java, React.js, Three.js, JavaScript, MS Office Suite, Photoshop
Languages: English, Chinese
Interests: Boxing, Jiu Jitsu, CTF Competitions, Hackathons, Breakdancing, Brewing Tea, Electric Scooters, Camping/Survival

PORTFOLIO WEBSITE

isaac-thean-portfolio.vercel.app