Terran Kroft

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EDUCATION

BE(Hons) Software Engineering — University of Auckland   2015–2018

- Graduated with First Class Honours and a GPA of 8.2/9 (A/A+ average)
- Dean's Honours List for excellence in academic achievement
- Software Engineering Students Association (Part IV Rep.) and ECE Departmental Student Rep.

EXPERIENCE

Program Coordinator (Technical) — The World Scholar's Cup   Nov 2018 – Present

- Coordinator for international academic enrichment program with events in over 80 countries.
- Organized tournament logistics and on-site hosting for over 40 regional events, including test material preparation, host school liaison, and event scoring.
- Liaised with audio-visual teams at large scale global events (ranging from 1000 to 4000 participants) as technical director at convention centers and theaters.
- Assisted the research and development of curriculum and testing material.
- Streamlined internal technical logistics including technology and data organization.
- Designed print materials such as banners and posters, forms, and program booklets.

Software Engineering Intern — Orion Health   Nov 2017 – Feb 2018

- Designed dashboard to view Ansible jobs with Vue.js by leveraging Ansible Tower API.
- Created proof-of-concept to integrate Azure AD SSO authentication for an internal API design using AWS API Gateway and the Serverless framework to allow future task automation.

PROJECTS

Squidly Lo-Fi Game Prototyping Tool | C# & UWP   Mar – Oct 2018

- Lo-fi game prototyping tool developed for the Microsoft Surface Hub.
- Expands on traditional prototyping tools to enable prototyping of interactive actions/animations.

"Revilo" Task Scheduler | Java & JavaFX   Aug – Sep 2017

- Task scheduler which takes DAG input and outputs an optimal schedule on a pre-specified number of processors using a branch-and-bound algorithm.
- Implemented Gantt chart and UI to display scheduling statistics.

SKILLS

DEVELOPMENT
Java, Swift(UI), HTML/CSS, Python

DESIGN
Photoshop, InDesign

OTHERS
Public speaking
Fluent in Chinese (native speaker)

INTERESTS

Graphic design, typography, curriculum development, mathematics, UI/UX, wayfinding/signage, PowerPoint animation, tea, vision mixing, wordplay, the Oxford comma, and increasing the size of this list.

CURRENTLY EXPLORING...
SwiftUI

References available on request.