Elvis **Tran**

DISTRIBUTED SYSTEM · CYBER SECURITY

Adelaide, South Australia, Australia

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Objective

Computer Science student with a passion for full-stack software development. Seeking opportunities to apply my skills in building dynamic, scalable web applications and contribute to the development of innovative software solutions. I am eager to work across the entire stack, utilizing diverse programming languages and technologies to create efficient, user-friendly applications.

Education

The University of Adelaide   *South Australia, Australia*

B.S. IN COMPUTER SCIENCE   *Jul. 2023 - Present*

- GPA: 6.625/7.0
- Received a Global Citizenship Scholarship, which is given to promising international students.
- Coursework: Object Oriented Programming, Intro Software Engineering, Probability & Statistics, Maths for Data Science,...

Skills

Programming Languages	TypeScript, C++, C, JavaScript, Matlab, Python
Frameworks	Next.js, React.js, Tailwind CSS, QT Framework
Tools	Git, Docker, Bash, Slack, Vercel, Github Action, Clerk
Structured Query Language	MongoDB, SQLite, Redis
Foreign Languages	English (7.5 IELTS), Vietnamese (Native)

Projects

Fanta Create   *Sep. 2024 - Present*

TYPESCRIPT, NEXT.JS, REACT.JS, MONGODB ATLAS, CLERK, SHADCN, TAILWIND CSS, STRIPE, CLOUDINARY   *fanta-create.vercel.app* 🔗

- Developing a full-stack web application using Next.js and TypeScript to provide a seamless user experience.
- Integrated Clerk for user authentication and management, ensuring secure and efficient handling of user data.
- Implemented webhook handlers to process user-related events, such as creation, updates, and deletions, using Clerk and Svix.
- Utilized MongoDB Atlas for scalable and reliable data storage, enabling efficient data retrieval and manipulation.

Automotive Repair Management System   *Mar. 2024 - May. 2024*

QT FRAMEWORK (C++), QT CREATOR, SQLITE, GOOGLETEST   *Repository* ⬤

- Engineered a relational database using SQLite, streamlining the management of vehicle information and maintenance workflows.
- Programmed a task assignment system within the Qt Framework to enhance staff productivity and workflow efficiency.
- Designed a user interface with the Qt Design software, focusing on ease of use for warehouse personnel to manage vehicles and tasks effectively.

Portfolio   *Sep. 2024 - Present*

TYPESCRIPT, NEXT.JS, REACT.JS, TAILWIND CSS   *this-is-elvis-tran.vercel.app* 🔗

- Developed a personal portfolio website using Next.js and TypeScript to showcase projects and skills.
- Integrated various libraries and tools such as 'framer-motion' for animations, 'lucide-react' for icons, and 'rehype' plugins for enhanced markdown rendering.
- Utilized 'contentlayer' for managing and transforming content, enabling a seamless content management experience.
- Implemented responsive design using Tailwind CSS, ensuring the website is accessible and visually appealing on all devices.

Extracurricular Activity

Society of Quantitative Analysis and Data, University of Adelaide   *South Australia, Australia*

COMMITTEE (EVENT OFFICER)   *Jul. 2024 - Present*

- Organized and coordinated events focused on quantitative analysis and data science, facilitating knowledge sharing and networking.
- Managed event logistics, ensuring smooth execution and positive experiences for attendees.

Computer Science Club of the University of Adelaide   *South Australia, Australia*

OPEN SOURCE DEVELOPER   *Sep. 2023 - Present*

- Contributed to the development of an open-source voxel engine in C++, focusing on improving performance and rendering techniques.
- Participated in regular code reviews, discussions, and workshops to stay updated on modern C++ practices and game engine technologies.