DANIEL ZHANG

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SKILLS

Languages: Java, Python, Kotlin, JavaScript, TypeScript, C, C++, C#, SQL, HTML, CSS, SASS

Technologies: React, Flask, NodeJS, PostgreSQL, PyTorch, REST APIs, Docker, Kubernetes, Firebase

Tools: Git, GitHub, TFS, Bash, Linux, Postman, SonarQube

EDUCATION

University of Toronto - Bachelor of Computer Engineering   *September 2019 - April 2024*
- Dean's Honour List

EXPERIENCE

Tangerine Bank – Software Developer Intern   *May 2023-August 2023*
- Upgraded and modernized credit card APIs, broadening functionality and reducing erroring rates by 90%
- Developed and improved features for Tangerine's backend-for-frontend structure, streamlining calls and requests by 15%+ for over 2,000,000 users
- Engineered a new unit testing framework, developing over 40 new unit tests with a 30% increased coverage

Amazon - Software Development Engineer Intern   *May 2022 - April 2023*
- Created a React frontend portal for onboarding internal projects, reducing engineering effort by 80% and saving 3+ weeks of manual engineering while collaborating on the creation of the backend API
- Built a scalable and responsive DynamoDB database for 1,000,000,000+ financial transactions with Java after investigating and saving over $10,000 per month via implementation
- Developed a flexible and quick API with Typescript, handling 1000+ query and request transactions per second
- Collaborated with senior Amazon engineers to create design documents for products overseeing $1,000,000,000+

Ceridian - Full Stack Software Developer Intern   *May 2021 - Aug 2021*
- Designed features end-to-end for Dayforce, the HCM product used by over 4000+ clients with C#, SQL, and React
- Built React MicroFrontends, creating modular, scalable, & dynamic web pages, improving responsiveness
- Modernized and upgraded Typescript & Dojo webapps, adding new features and fixing customer-facing issues
- Engineered & coded SQL scripts, upgrading Dayforce's database while integrating a C# service layer

Ceridian - Software Engineer in Test Intern   *May 2020 - Aug 2020*
- Enhanced and maintained a UI Automation test framework used by 30+ Test Engineers & QA Analysts through creation of reusable code modules using C#, Selenium WebDriver, & Fitnesse
- Developed & performed end-to-end regression tests via Specflow & Gherkin, saving 100+ manual testing hours

PROJECTS

Image Repo // *Image Repository Application*   *2021*
- Developed an image-repository web-app with a React frontend, a Flask backend, and a PostgreSQL database
- Implemented features including upload & deletion of images as well as the ability to buy & sell images