Daniel Ye

me@yedaniel.com ✉
437-225-7338 ☎
github.com/danielyedaniel 🐙
in/danielyedaniel in

Education

UNIVERSITY OF WATERLOO

Software Engineering, Specialization in Statistics   *Waterloo, Ontario*

Experience

LITMUS ⧉   **JAN - 2024**

Software Engineer Intern   *Toronto, Ontario*

· Working on the Foundation team to maintain & implement features onto backend services using **Go & gRPC**

· Reduced gRPC calls by **20%** by implementing **OAuth** with **JWT** standards for enhanced security & efficiency

· Introduced new product features: user password reset, cross-Linux distro support, & tracking online users

NAGARRO ⧉   **MAY - AUG 2023**

Software Developer Intern   *New York, New York*

· Worked on the Fleet Mobility team helping create & maintain **Spring APIs** to service **2000+** field technicians

· Enhanced API speed by **40%** & reduced data transfer overhead by using **Spring caching** & **compression**

· Accelerated frontend searching times by up to **85%** by incorporating local caching in **4** distinct sections within app

· Optimized logging integration with **Splunk** & **AWS** through data filtering for enhanced system monitoring

JASPER COMMERCE INC. ⧉   **JUN - SEP 2022**

Software Developer Intern   *Toronto, Ontario*

· Contributed to the IO team to help implement testing & maintain **Laravel** & **React.js** applications

· Identified **10** major issues & reduced production issues by implementing testing coverage on new features

· Fixed **15** critical backend service defects for enhanced reliability & customer satisfaction

Projects

GEARBOX   *Auto Parts Marketplace*

· Building an auto parts marketplace, partnered with over **50 shops**, expected to attract **100+ users** on launch

· Implementing **Go & gRPC** for backend to sync auto parts across partner shops & **React.js** for a user-friendly web app

C++ COMPILER ⧉   *Code Compiler*

· Developed a **C++ compiler** for tokenizing, syntax checking, and translating code into Assembly language

· Implemented advanced **data structure manipulation** using trees, vectors, and maps for efficient data handling

· Utilized **parsing algorithms** and **compiler design principles** in the implementation of a functional parser

SHOPPAL ⧉   *Receipt-Based Financing App*

· Built an **iOS app** in Swift for scanning & archiving grocery receipts, enabling access to purchase history, & insights

· Established a **custom API** using **AWS** services to parse receipts & retrieve purchase data in real-time

Skills

Languages: Go, Java, Python, C/C++, JavaScript, Swift, Dart, SQL

Frameworks: Spring, Node.js, React.js, Vue.js, JHipster, Express, Flutter, Cypress.io

Technologies: Git, Jira, Docker, AWS, MSSQL, DynamoDB