

Daniel Ye

yedaniel99@gmail.com ✉
437-225-7338 ☎
github.com/danielyedaniel 🐙
[in/danielyedaniel](https://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 inventory across partner shops
- Employing **React.js** to create a user-friendly platform for convenient auto parts and services access

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