

Daniel Shwan

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EDUCATION

University of Ottawa
Sep. 2017 - Apr. 2022
BASc. Computer Engineering
GPA: 3.9/4.0

SKILLS

LANGUAGES

JavaScript/TypeScript
Python
Java
C
PHP

TECHNOLOGIES

Node.js
Vue.js
Git
AWS
React
Bash
MongoDB
Angular
PostgreSQL
Jasmine
Redux
Express.js
AWS
Kubernetes

LINGUISTICS

English
French
Mandarin
Japanese

CONCEPTS

Object Oriented Programming
Data Structures and Algorithms
Agile Development
Operating Systems
UI/UX Design
API Design

AWARDS

Merit Scholarship

Achieved a CGPA of 8.5/10 or greater throughout a term (Multiple terms)

Dean's Honour List

(2018 - 2020)

EXPERIENCE

Mercari

Frontend Developer Intern · Tokyo, Japan

May 2021 - Jul. 2021

- Incoming frontend developer intern for summer 2021

University of Ottawa

Full-Stack Developer Intern · Ottawa, ON

Sep. 2020 - Apr. 2021

- Enhanced UI/UX for the engineering outreach platform through bug fixes and features implementation in Angular
- Assisted in overhauling the platform's authentication and identity management system, used by 500+ users, to enable multifactor authentication, migrate users from the legacy system, improve account management, and integrate staff management features.
- Architected and designed program management features for administrators to manage events, workshops, and activities, and their statuses
- Developed and improved APIs across the product application using Java, Maven, and PostgreSQL

OpenText

Software Engineer Intern · Montreal, QC

Jan. 2020 - Apr. 2020

- Identified and fixed bugs and perform tasks based on related JIRA issues to help improve and maintain enterprise product quality used by 50+ businesses
- Designed and architected frontend components and features in Java to further enhance product user experience for up to 1000+ business itineraries
- Helped save \$1000+ through building and automating backend solutions in PHP for scanning code reviews to help certify projects are following PCI compliance standards

Mitel

Software Developer Intern · Ottawa, ON

May 2019 - Aug. 2019

- Developed Node.js scripts to streamline and automate the process of uploading internal automation test results to AWS
- Utilized TypeScript, AWS API Gateway, and DynamoDB to develop REST APIs used by various teams to help with efficient internal automation testing resources management
- Architected SDKs and CLI wrappers to give 35+ internal developers easy access to automation APIs and related functions

PROJECTS

Bearly Hungry

- Created an Instagram food blog promotional webpage
- Utilized Vue.js library and Bootstrap to provide user-friendly previews of blog content
- Designed a visually appealing landing page using a pre-determined colour palette to give viewers an aesthetic appeal to reflect the blog page itself
- Developed an API using Express.js and MongoDB for fetching Instagram posts using the Instagram Basic Display API.