

# Januston Nicholas

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## Education

### University of Waterloo

BASc in Computer Engineering - GPA - 3.9

Waterloo, ON

Sept 2019 - Jun 2024

## Skills

**Languages** Typescript, JavaScript, HTML, CSS/SASS, Java, C/C++, Python, Kotlin, PHP, SQL (MySQL, PostgreSQL), Rust  
**Frameworks** Angular 2+, AngularJS, Apache Nifi, Apache Tomcat, Bootstrap, Drupal 8, Electron, Firebase, Git, LTI, LMS, React, Spring Boot  
**ERP** Netsuite  
**Tools** Chrome Extensions, Figma, GitHub, VS Code, Android Studio, Postman, Five9, Photoshop, SQL Developer, Soap UI, Jasmine

## Work Experience

### Appficiency

Toronto, ON

Netsuite Developer

Sept 2023 - Dec 2023

- Leveraged **Suitescript 2.x** and **Shopify API** to automate customer synchronization between **Shopify** and **Netsuite**, resulting in annual time savings of **20 hours of manual labour**
- Spearheaded the development of a **Dialogflow** Chatbot integration with Netsuite, sourcing internal documentation to deliver **24/7 support**
- Led the development of a **style builder**, empowering developers to add **custom styles** to Netsuite **increasing client engagement by 10%**
- Established a **Pendo integration** with **Netsuite** to monitor and analyze **customer retention metrics** and **bounce rates**

### Yuja

North York, ON

Full Stack Developer

Jan 2023 - Apr 2023

- Established authentication workflows** for **Canvas** and **D2L Learning Management Systems (LMS)**, enabling the generation of **access tokens** for **automated quiz creation**
- Utilized **React** to **redesign** and **enhance** the proctoring options page by adding **quiz profile selection** and student **exemption features** to provide greater flexibility and control for instructors
- Optimized** and developed **quiz interception code** and **API endpoints** in both **Electron** and **TypeScript** for various Learning Management Systems (LMS), enhancing quiz-taking integrity

### SS&C Technologies

Toronto, ON

Full Stack Developer

Jan 2022 - Apr 2022

- Streamlined the **deletion of outdated records** in an **Inference Datastore** using **Java** and **Spring Boot**, improving database efficiency
- Optimized Five9 call flows** and reorganized **Five9** data using **SQL** to reduce caller wait times and improve overall customer satisfaction
- Utilized **Apache Nifi** to **automate data transfers**, ensuring **secure** movement of **sensitive information**

### Purolator

Mississauga, ON

Marketing Front End Developer

May 2021 - Aug 2021

- Revamped the Purolator website** using **Drupal 8**, **PHP**, **HTML**, **CSS**, and **JavaScript**, resulting in a **10% increase** in **website traffic**
- Developed an HTML and JSON generator** using a **PHP script** and template, which dynamically produced over **700 locator pages** utilizing the **Google Maps API**, improving the user's experience and increasing overall customer satisfaction

### Teranet

Toronto, ON

Application Developer

Sept 2020 - Dec 2020

- Optimized the client portal**, utilizing **Java**, **Angular JS**, **JavaScript**, **HTML**, and **Python** to significantly enhance **user experience**
- Leveraged **Postman**, **SQL Developer**, and **Soap UI** to streamline **consumer report** updates through **API requests**.

### TyItGo (YCS20)

Waterloo, ON

Web Developer

Mar 2020 - May 2020

- Executed **website redesign** from **Figma Mockups** using **Angular 2+**, **HTML**, **Sass**, **CSS**, and **Typescript**, increasing **user engagement** by 20%
- Spearheaded **client portal development** and introduced comprehensive **Jasmine** and **Karma tests**, reducing overall **development time**

## Projects

### KeeperVision (Goalkeeper Training App)

Waterloo, ON

Mobile App Developer

May 2023 - Apr 2024

- Designed and developed Keepervision, a goalie training app that utilizes **OpenCV** and **PyTorch** for image processing, determining the optimal position for a goalie. The app was created using **Figma** for UX/UI design and implemented with **Android Studio** using **Kotlin**

### Real Time Operating System

Waterloo, ON

Software Developer

May 2022 - Aug 2022

- Designed and developed a Real Time Operating System using the **µVision Kiel IDE**
- Implemented **memory allocation** using a **binary buddy system**, achieved **inter-process communication** between tasks through **mailboxes**, and managed deadlines of real-time tasks through **EDF scheduling**