

Daniel Nova

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EDUCATION

- **McMaster University** Hamilton, ON
B.A.Sc Honours Computer Science Sep 2017 – Apr 2022
Relevant Coursework: Operating Systems, Machine Learning, Algorithms and Complexity, Data Mining

EXPERIENCE

- **General Motors** Markham, ON
Software Engineer Aug 2022 – Aug 2023
 - Key technologies: **C++, Java, Kotlin, XML, Android Studio, UNIX, Git, JIRA**
 - Added features to Bluetooth services within GM Vehicles using **C++** and **Java**
 - Developed deep understanding of existing **Bluetooth architecture** in order to resolve vehicle and cellular device defects and using log analysis
 - Modified UI using **Java, Kotlin**, and **XML** to facilitate the use of GM's Trusted Device application
- **McMaster University** Hamilton, ON
Teaching Assistant Sep 2021 – Dec 2021
 - Assistant for a software development basics course which focuses on **Shell programming, UNIX** and **C**
 - Provided answers and guidance to Level II students in educational labs
 - Supervised students in test labs and graded their reports
- **OpenText Corp.** Waterloo, ON
Software Engineer Intern May 2021 – Aug 2021
 - Key technologies: **Python, Kubernetes, Docker, Helm, Google Cloud Platform, Azure, AWS, PostgreSQL**
 - Deployed different versions of OpenText's Content Server on **GCP, AWS** and **Azure** using **Docker** and **Kubernetes**
 - Modified **Python** and **Helm Chart** files to implement enhancements and fix bugs for newer versions of the Content Server product
 - Ensured consistency among containerized Content Server and other products
- **Symantec Corp.** Waterloo, ON
Software Engineer Intern May 2018 – Aug 2018 & May 2019 – Aug 2019
 - Key technologies: **Java, TypeScript, Angular, HTML, SASS, Bootstrap, REST, JSON, JSDocs, Node.js, npm, JIRA, UNIX, Git**
 - Rewrote old **Java** code in **TypeScript** with **Angular** framework and **Node.js** for Symantec/Broadcom's SGAC (Security Gateway Admin Console) project.
 - Used responsive design with **Bootstrap 3 CSS framework**
 - Participated in software development with Scrum methodologies (**Agile** model)
 - Communicated and collaborated regularly with UX designers to ensure the best product

TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++, C#, TypeScript, JavaScript, Scala, Ruby, Kotlin, Haskell, Assembly, LISP, SQL, HTML/CSS
- **Frameworks:** AWS, Google Cloud Platform, Azure, Kubernetes, Git, LaTeX, REST, Node.js, Angular, React Native, JIRA, REST, Bootstrap
- **Libraries:** React, TensorFlow, PyTorch, Scikit-Learn, NumPy, plotly

LANGUAGES

- **English:** Native
- **Portuguese:** Native
- **Spanish:** Intermediate
- **French:** Intermediate

PROJECTS

- **Workflow+ Auto-Layout:** Capstone group project in Java and Python using ELK framework for automatically organizing safety engineering workflows
- **The Abyss Experience:** Trailer and information webpage for an online music festival done in a group using CSS and JavaScript