SASHA OBUCINA

Software Developer

☎ **(+1) 416-829-0004**　　　　✉ **sasha.obucina@gmail.com**

🔗 **sashaobucina.github.io/personal-site**　　　　📍 **Toronto, ON**

EDUCATION

Computer Science and Economics (Double Degree)
University of Toronto

📅 09/2015 – 04/2020

— Honors: Received over $10K in scholarships, 2016, 2017, 2018 Dean's List Scholar (top 10%), University of Toronto Scholar

— Leadership & Goal-Driven: Men's Varsity Tennis Captain, 2017 Ontario University Athletics Player of the Year, and 2x OUA All-Star

GPA
3.8 / 4.0

EXPERIENCE

Velocity Software Developer
Scotiabank

📅 01/2019 - 04/2019　　📍 Toronto, ON

— Developed a production-ready chatbot designed for in-field use by equity traders using a RESTFUL server architecture

— Led research in improving NLP performance and fully integrated the NLU pipeline using the SpaCy and Scikit-Learn ML libraries

— Responsible for full-stack development of backend microservices using Node.js, TypeScript and JQuery

— Assisted in building a fully automated deployment pipeline using Jenkins, Artifactory, and Docker

Security Software Developer
Blackberry Ltd.

📅 05/2018 - 12/2018　　📍 Toronto, ON

— Developed Wi-Fi features on the Android OS to comply with NIAP security requirements for use in national security systems

— Extended a hardware abstraction layer (HAL) that facilitates inter-process communication between the Android framework and WPA supplicant to support Wi-Fi security requirements

— Developed a mechanism to enable external certificate validation through a certificate validator API in the Android framework when connecting to EAP-TLS networks

PROJECTS

Financial NLP Query Engine (Personal Project)

🔗 **github.com/sashaobuina/FinanceAssistant**

— Developed a website that supports easy access to company financials through natural language queries using React.js and TypeScript

— Implemented a RESTFUL microservice in Node.js that interprets user queries and aggregates data based off of NLP classification

— Trained an NLP model using the RASA ML framework pipeline to classify intents and extract entities from user queries

Photo-Tagger (Software Design Course)

🔗 **github.com/sashaobucina/PhotoTagger**

— Implemented a photo-tagging application that tags image files and on a local file system and keeps track of modified versions of the image using Java

— Provided a user-friendly GUI to interact with using the Java Swing UI toolkit

— Modelled the project through multiple UML class diagrams and followed strict object-oriented design principles

SKILLS

Java	Python	Javascript	Typescript	C	React	Node.js	Docker	SQL	Android	Git

HTML/CSS	NLP	OOA/OOD	Agile	Jenkins