Madison Wong

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EDUCATION

University of Toronto   Toronto, ON
Bachelor of Applied Science in Engineering Science, Minor in Business   *September 2019 – June 2024*

EXPERIENCE

Salesforce   June 2023 - August 2023
Software Engineer Intern (Database Schema)   *San Francisco, CA*
- Reduced size of schema artifacts by 80% to speed up internal processes by 78.3% through tooling changes in Python & Bash

KPMG   January 2023 - April 2023
Management Consultant Co-op (Corporate Services)   *Toronto, ON*
- Acted as a business analyst on a cross-functional team helping to integrate multiple Salesforce instances
- Worked with business to capture requirements and create user stories
- Bridged gap between functional and technical teams

Amazon   September 2022 - December 2022
Software Development Engineer Intern (Consumer Payments)   *Vancouver, BC*
- Developed application with Kotlin and TypeScript to allow clients to easily manage and create secrets, eliminating manual work required with current onboarding process

Salesforce   May 2022 - August 2022
Software Engineer Intern (Database Schema)   *San Francisco, CA*
- Refactored bash scripts used for CI/CD to help retire legacy Jenkins framework
- Built full-stack utility using React, Java, and SQL to promote artifacts and view builds on a centralized dashboard

LEADERSHIP/EXTRACURRICULARS

You're Next Career Network   April 2021 – March 2022
Software Developer   *Toronto, ON*
- Responsible for developing technology to support the rest of the YNCN team and provide free professional development opportunities to over 5,000 students
- Worked on end-to-end product deployment process to refactor and redesign current website using Flask and React
- Created front-end of various pages, including home, calendar, resources, and contact
- Implemented API call to send emails programmatically from contact form on https://yourenext.ca/

Global Spark   April 2020 – March 2021
Growth and Partnerships Lead   *Toronto, ON*
- Established and maintained partnerships between UofT's faculty members and student leaders
- Managed team of 5 to organize case competition in collaboration with Women in Science and Engineering (WiSE) focused on brainstorming solutions for issues faced by women in rural and developing areas

PROJECTS

ReminderBot | *JavaScript, Slack API, Airtable, AWS Lambda*
- Designed Slackbot that automatically schedules and sends reminders to a list of users, pulled from Airtable database, to post about upcoming events on social media
- Built with Bolt for JavaScript & deployed to AWS Lambda using Serverless framework

QuickWork | *Swift, Parse, UIKit, MessageKit, Adobe XD*   https://github.com/madisonwong210/QuickWork
- Developed iOS app in 3 person virtual team that aims to provide a fast way for individuals to post and find simple jobs to earn extra money amidst the pandemic
- Designed UI/UX, made wireframes to prototype/plan out task flow and assembled view controllers on Xcode

SKILLS

Languages: Python, Java, C, JavaScript, TypeScript, HTML/CSS, PostgreSQL, Swift, Kotlin, MATLAB
Frameworks/Tools: React, PyTorch, Git, Microsoft Excel, Figma
Courses: Data Structures & Algorithms, Machine Learning, Artificial Intelligence, Operating Systems, iOS Development