

PATRICIA MIELNIK

Full Stack Developer

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EDUCATION

Bachelor of Computer Science

University of Waterloo - Double Degree
May 2022

Bachelor of Business Administration

Wilfrid Laurier University - Double Degree
May 2022

WORK EXPERIENCE

Developer

Royal Bank of Canada - Tech Community Engagement
May - August 2018

- Learned Python to develop scripts that automate routine tasks, saving ~8 hours per week
- Designed front end for an internal speaker database for use by all RBC employees
- Project managed creation of a series of playbooks to streamline employee on-boarding process

PROJECTS

Digital Innersource: Ascend Webpage - 2018

- Built backend for events page using Spring Boot
- Built RESTful web service to deliver event data
- Worked with Jive and Eventbrite APIs

RBC Summer Hack - 2018

- Interviewed students to understand how to increase student engagement within RBC
- Co-Designed a [clean and familiar UI](#) and prototyped a mobile application
- Won 2nd out of 25 teams for overall solution

Android from Scratch - 2016/2017

- Developed Android applications in collaboration with other students using the Android Studio IDE
- Designed and developed a calculator application
- Co-developed a contacts application that can be found on [Google Play](#) with 5,000+ installs

RELEVANT COURSES

- Elementary Algorithm Design and Data Abstraction
- Logic and Computation
- Object Oriented Software Development
- Designing Functional Programs

SKILLS

- **Advanced:** Java, C, Python, C++, JSON
- **Intermediate:** Bash scripting, HTML, CSS, Spring Boot, Microsoft Azure, XML
- **Beginner:** JavaScript, Angular, TypeScript
- Android App Development
- Web API Development
- Project Management
- Git source code management
- Unix

ADDITIONAL ACTIVITIES

- RBC + Microsoft Azure Cloud Innovation Challenge, 2018
- Intro to Artificial Intelligence and Machine Learning - Presenter, 2018
- Hack Bloomberg, 2018
- New Venture Case Competition semi-finalist, 2018
- Math Orientation - Media Devisor, 2018
- TD Case Competition 2017
- Concert Band, 2010-2017
- Youth Orchestra, 2008-2017
- Music Activity Council - Communications Executive, 2015-2017
- Tennis, Skiing, Swimming, Photography