PATRICIA MIELNIK

Developer

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ABOUT

I am a self-driven, highly motivated student with a wide variety of technical, analytical, and interpersonal skills. I never back away from a challenge and am excited for opportunities to learn new concepts and develop my skills.

SKILLS

- Java, Python, C, C++, HTML, CSS
- Android App Development
- Web API Development
- Project Management
- Communication
- Teamwork and Collaboration

RELEVANT COURSES

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

ADDITIONAL ACTIVITIES

- 2nd place in 2018 RBC Summer Hack
- RBC Cloud Innovation Challenge 2018
- Hack Bloomberg 2018
- TD Case Competition 2017
- New Venture Case Competition semi-finalist, 2017
- Concert Band, 2010-2017
- Youth Orchestra, 2008-2017
- Music Activity Council - Communications Executive, 2015-2017
- Tennis, Skiing, Swimming, Photography

EDUCATION

Bachelor of Computer Science
University of Waterloo
May 2022

Bachelor of Business Administration
Wilfrid Laurier University
May 2022

WORK EXPERIENCE

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

- Learned Python in order to develop scripts to automate tasks, saving employee time
- Designed an internal speakers bureau for use by all RBC employees using agile methodology
- Created and implemented a strategy to engage RBC with university students

PROJECTS

Digital Innersource - Ascend Webpage
- Built backend for events page using Spring
- Built RESTful web service to deliver event data
- Worked with existing APIs to GET and PUSH data

Employee Database
- Applied knowledge of hashing algorithms in Java to efficiently store and retrieve data
- Co-designed a user-friendly interface with the Netbeans IDE

Android from Scratch
- Developed Android applications in collaboration with other students using Android Studio
- Designed and developed a calculator application
- Co-developed a fully functional contacts application that can be found on Google Play