

Robert Drury

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EXPERIENCE

Big Bang 360 | R&D Manager

Jun 2020 – Aug 2020(Intern), May 2021 – Sept 2021(R&D Specialist), Sept 2021 - Present | Montreal, QC

- Manage the prioritization, progress and process to drive projects from an idea, to a production ready application
- Met directly with stakeholders to establish expectations, gather requirements and provide status updates
- Research and Develop in-house applications to improve productivity and automate business processes
- Built a digital signage application that effectively turns Google slides into digital signage content

Related Skills: Java (Spring Boot), JavaScript, Google Script, AWS (EC2, Elastic Beanstalk)

Matrox | Software Engineering Intern

Jan 2020 – May 2020 | Montreal, QC

- Was a member of the Imaging team, working directly on improving the Matrox Imaging library(MIL)
- Improved the C# implementation of MIL by extending the support of C# libraries
- Design and develop a new version of MIL's python wrapper, allowing for users to code using MIL in a pythonic manner, reducing the need for CPython

Related Skills: Python, Numpy, C#, C++, Subversion (SVN)

Nuance | Software Development Intern

Dec 2018 – Apr 2019 | Montreal, QC

- Development of customer solutions for a speech dialog system on the Dragon Drive Framework
- Adaption of existing Python scripts to fit current needs
- Improved efficiency of Natural Language Understanding(NLU) intent mapping

Related Skills: GDML(Proprietary), Python, C/C++, QNX, Perforce, Mercurial(HG), Jira, Agile(Scrum)

PROJECTS

In Plain Sight | Project Support by Matrox

- Web E-learning platform for sign language using camera input to provide feedback on sign language symbols
- Project lead for a group of 9 students, planning sprints, organizing scrum and presenting progress to stakeholders
- Develop front-end features with corresponding tests using React and Jest

Cryptic | https://github.com/RjDrury/Cryptic_live

- Developed a Twitch like app that incorporated video live streams from Twitch and Mixer
- Developed to improve knowledge of full stack development with JavaScript(Vue) and Python(flask)

EDUCATION

Concordia University | April 2021

- Bachelor of Engineering in Software Engineering

TECHNICAL SKILLS

Python, Java, JavaScript, TypeScript, Spring boot, Flask, React, MySQL, AWS (EC2, Elastic Beanstalk), Git, SVN