

SAMUEL PEERS

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RELEVANT EXPERIENCE

Full Stack Developer – Manitoba Hydro International

May 2016 – Present

- Working across the stack (Android, Flask, React, MySQL) on a location tracking app
- Creating CI pipelines in AWS and porting projects to Docker
- Developing and improving Augmented Reality applications for smart glasses

DevOps Engineer – Varian Medical Systems

August 2016 – January 2017

- Created and maintained virtual machines and networks in the cloud (vSphere)
- Improved workflow by automating the creation of a cloud application using PowerShell/CLI
- Simplified continuous integration and delivery by migrating all projects to TeamCity and NuGet
- Experimented with Docker for Windows in the cloud to increase code portability

Bioinformatics Research Technician – Public Health Agency of Canada

January 2016 – April 2016

- Created a Triplestore database for organizing biological data
- Automated the cleaning and inserting of legacy data into the database using Python
- Developed a Flask Web application for interacting with the data
- Devised SPARQL queries for updating, querying, and analyzing the data

TECHNICAL SKILLS

Professional: Java, JavaScript, jQuery, React, AWS, Docker, Flask, Python, Android, MySQL, Git, TeamCity

Academic: MongoDB, Knockout, Ruby, Machine Learning, Bash, C/C++

EDUCATION

University of Manitoba, Canada

September 2011 – December 2017

- Bachelors of Computer Science, Honours and Co-op
- Degree specialization in Databases
- GPA of 3.97/4.50, Dean's Honours List

Linköping University, Sweden

September 2014 – June 2015

- Exchange Student at the Linköping Institute of Technology
- International Centre for Students Exchange Award

PROJECTS

- Wrote a **MySQL Database** representing an airline. A large project complete with EER diagrams, stored procedures, and routines. Done in the course *Database Technology* at Linköping University.
- Developed a real-time **Multiplayer Game** using Android, Knockout, JavaScript, Flask, Docker, AWS, and MongoDB. The Android app communicates with the server via a RESTful API. Completed in *Software Engineering 2* at the University of Manitoba.
- Currently working on a **Chat Bot** for ordering Domino's pizza. Using Beep Boop for Slack integration and Python for the back-end logic. This is a recreational project.