

DoYeon Nami Kim

nami.kim

doyeon.kim@mail.mcgill.ca | 438-921-8158

EDUCATION

McGill University

SOFTWARE ENGINEERING

Minor in Mathematics

With Distinction

June 2017 | Montreal, QC

LINKS

Github: github.com/ehdusjennyLinkedIn: goo.gl/6qwh3x

SKILLS

Programming

Languages

Java • Python

Javascript • HTML • CSS

Frameworks

AngularJS • OnsenUI

Databases

PostgreSQL • CouchDB

Environments

Unix • Windows

Miscellaneous

Node.js • Kubernetes • Docker • Git •

SVN • JIRA

AWARDS

NSERC: USRA & CREATE

HEALTH INFORMATICS GROUP -

MCGILL UNIVERSITY HEALTH

CENTRE

- Machine Learning Research on Waiting Time Estimation for Oncology Patients

EXPERIENCE

McGill University Health Centre - Health Informatics Group

STUDENT RESEARCHER

May 2017 - current | Montreal, QC

- Estimate waiting time for daily radiotherapy treatments using machine learning
- Use of Python and scikit-learn
- Visualize results using Node.js, AngularJS, OnsenUI, HTML and CSS

Jan 2017 - Apr 2017 | Montreal, QC

- Working with A-Frame, third-party A-Frame utilities, and SketchUp to simulate virtual oncology treatment rooms

Nuance Communications Inc.

SOFTWARE DEVELOPER INTERN

Sept 2016 - Dec 2016 | Montreal, QC

- Created a dockerized microservice using Java and Spring that extracts information from servers living in a Kubernetes cluster through HTTP requests
- Created a dashboard reporting various aspects of user interaction using Java Metrics library, Graphite, and Grafana

Sept 2015 - Dec 2015 | Montreal, QC

- Maintenance of CI environment using Bamboo build system, VMware, HPSA, and script creation/modification
- Active participation in daily scrum meeting and bi-weekly scrum planning

McGill Science Computer Taskforce

CO-CHAIR

Sept 2016 - April 2017 | Montreal, QC

- Lead weekly general meetings and council meetings, oversee hardware, web, and server team
- Weekly meeting with Science Financial Advisor to discuss ongoing projects

PROJECTS

McGill Science Computer Taskforce

SOFTWARE DEVELOPER

Sept 2016 - April 2017 | Montreal, QC

- Office hour sign up page and check-in/check-out page via barcode scanning, using Java, CouchDB, AngularJS, HTML, and CSS

Ready2Eat

COMP 421 DATABASE SYSTEMS

Jan 2016 - April 2016 | Montreal, QC

- Web application for restaurant meal pre-order and reservation system
- Set-up PostgreSQL database using an E/R model
- Worked with JaxaFX, Scene Builder, and JDBC API with PostgreSQL

Gin Rummy

COMP 303 SOFTWARE DEVELOPMENT

Sept 2014 - Dec 2014 | Montreal, QC

- Two levels of difficulty implemented for AI opponents
- GUI for two human/AI players