

AREK MANOUKIAN

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SUMMARY OF SKILLS & QUALIFICATIONS

Operating Systems | Windows • Linux
Applications | Eclipse • Qt Creator • Visual Studio • IntelliJ IDEA
Programming | Ruby & Ruby on Rails • Java • C++ & Qt • Prolog • PHP • JavaScript & TypeScript • LISP • Python • Bash • Go (beginner)
Other | Git • HTML5 • CSS & SCSS
Social Media | LinkedIn • Facebook • Twitter • Google+
Languages | Spoken & Written | English • French • Armenian

EDUCATION

B.Eng – Bachelor in Software Engineering – 4th Year COOP Jan. 2014 – April 2018 (Expected)

Concordia University, Montreal, QC

- **Current Cumulative GPA of 3.98 / 4.3**
- Member of Golden Key Society – Top 15% of students allowed to join.

B.Sc - Bachelor of Science Sept. 2010 - Dec. 2013

McGill University, Montreal, QC

- Major in **Biochemistry**
- Minor in **Economics**

WORK EXPERIENCE

Software Development Engineer Intern May 2017 – Aug. 2017

Amazon Web Services, Inc., Seattle, WA, United States

- Development of a Data Warehouse solution that is actively used by customers.
- Developed an API to be used by a variety of clients, with scalability and availability
- Developed and integrated a client-side metric collection framework for the software solution.
- **Technologies used: Java, Spring, Ruby, Ruby on Rails, Git, Amazon RDS**

Back-End Developer Dec. 2015 – May 2017

Ericsson Canada Inc., Montreal, QC

- Active Development of a REST API, designed to assist in Continuous Integration of various Ericsson products.
- Integrated Docker containerization into the application's testing and Continuous Integration process.
- Designed and implemented a feature to generate software artifact-related documents.
- Work conducted using SCRUM/Agile Methodologies.
- **Technologies used: Java, AspectJ, Spring, MongoDB, Docker, Git, Jenkins, Tomcat, Gradle.**

Software Developer Intern May 2015 – Dec. 2015

Hitachi ID Systems, Montreal, QC

- Worked on the development of a test case and use case automation web application, using the MVC architectural pattern.
- Redesigned a critical feature of the web application to make it less resource-intensive and increase its usability.
- Optimized the rails asset pipeline and configured server to load resources efficiently, improving the user experience with the web application.
- **Technologies Used: Ruby, Ruby on Rails, Javascript & CoffeeScript, CSS & SCSS, RSpec**

Software Developer

Sept. 2014 – May 2016

District 3 (Start-up Incubation Center), Montreal, QC

- Working in a **SCRUM agile development framework** to develop software according to given User Stories.
- Develop and maintain software that is used in the working prototype of a medical device.
- Modify and test the existing software to improve accuracy and results of the device.
- Developed software to provide feedback and automatically log certain actions of medical professionals.
- Updating and correcting previously written uncommented code
- **Technologies & Skills Used: Qt Creator, C++, Task Coordination, Team management, GitHub**

PERSONAL PROJECTS

NodeJS App: Encrypted Key/Value Storage REST API

August 2016

- A simple web application that encrypts user-entered data on the client-side and can later be decrypted by the holder of the private key.
- **Technologies & Skills Used: NodeJS, Cryptography**

Rails App: Open Source Dead Man's Switch

May 2016 - Present

- An open source service set up to notify a user's contacts in emergency situations.
- **Technologies & Skills Used: AngularJS, Ruby & Ruby on Rails, REST API, CI & CD**

Ruby Gem: Concordia Course Scraper

May 2016 - Present

- A web scraper gem for extracting course information from Concordia University's web pages.
- **Technologies & Skills Used: Ruby, Web Scraping, MySQL**

Rails App: Home Media Web Application

Sept. 2014 - Present

- A web application which can automate various tasks related to the home media server, simplifying its use by non-technical users.
- **Technologies & Skills Used: HTML5, CSS, Ruby, Ruby on Rails, JavaScript, BASH**

EXTRA-CURRICULAR ACTIVITIES

VP Finance

Jan. 2014 - Dec. 2015

Concordia's Armenian Student's Association, Montreal, QC

- Manage the Association's annual budget and oversee its spending
- Represent the association in a variety of events
- **Skills Learned & Used: Meeting preparation, Event Organization, Time Management**

President

Jan. 2012 - Dec. 2013

McGill Armenian Student's Association, Montreal, QC

- Organize many fundraisers as well as a major charity event
- Planned social events attracting 60+ attendees
- Manage the Association's annual budget and oversee its spending
- Plan and chair weekly meetings of the executive committee