

ANTHONY NGUYEN

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EDUCATION

Simon Fraser University Sept 2017 - est. Dec 2020
Second Degree (BSc.) in Computer Science, *GPA: 3.61* Burnaby, B.C.

Simon Fraser University Sept 2012 - Dec 2015
BSc. in Biology, Minor in Molecular Biology and Biochemistry Burnaby, B.C.

Langara College Sep 2010 - Aug 2012
Transferred to SFU Vancouver, B.C.

SKILLS

Languages: Python, C/C++, Java, HTML, CSS, Javascript, Go
Databases: SQL, SQLite, PostgreSQL, Relational Model
Misc.: Linux, Git, Docker, Django, jQuery, scikitlearn, Spark, Node.js, glog, Bootstrap

WORK EXPERIENCE

Communications Security Establishment (Government) May 2019 - Aug 2019
Web/Software Developer Co-op Ottawa, Ontario

- Required Top Secret (Level III) security clearance
- Built a web application, including a REST API, for one of the organization's services, resulting in reduced risk
- Gained experience with Python, Django, Git, Docker, PostgreSQL, Confluence's REST API, HTML and CSS

Remedy's Rx Specialty Pharmacy Mar 2016 - Aug 2018
Pharmacy Assistant Vancouver, B.C.

- Entered data for, dispensed, and followed up with prescriptions, maintaining healthy partnerships between the pharmacy and the patients/nursing homes
- Strengthened the relationships of coworkers with each other by planning events external to the workplace

PROJECTS

Various BeagleBone (ARM Cortex-A8) C/C++ Projects Sept 2019 - Present
Embedded Systems Course Projects

- Assignments that cover embedded Linux cross-platform app development, controlling external hardware via Linux apps, device driver development, etc.
- Includes assignment that required interaction between Node.js and an embedded C app through UDP and WebSockets, creating real-time PCM audio playback

Yet Another Storage Engine Sept 2019 - Present
Database Design Course Group Project

- 4th year level project to give us students experience designing, implementing, and evaluating database management systems
- Building and debugging a database management system capable of handling concurrent transactions entirely in C++ with assistance from Git, glog, and CMake

Testing of Quantum Computing Tools Sept - Dec 2018
Directed Studies/Special Research Project

- Assisted a professor at Simon Fraser University in the development of a Specialized Topics course in Quantum Computing
- Provided input on structure of the course and submitted supplementary documents, including a demo using IBM's Q Experience