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Nick Warwick

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Work Experience

Full Stack Software Developer   Cloud Practice   April 2017 - Current
- Redesigned and heavily refactored an Electronic Medical Record (EMR) application using Angular for the front end and Java/MySQL on the back end.
- Built and maintained a Rails web application that hooked into third party APIs such as MailChimp and various in-house APIs
- Added various features, bug fixes, and optimizations to a large-scale medical billing application using a similar stack to the EMR system mentioned above
- Completed DevOps tasks such as scheduling releases to multiple servers, fixing live server issues, and updating Ansible scripts

AR/VR Software Engineer (Co-op)   Natural Resources Canada   Summer 2016
- Created a prototype for a mixed reality data evaluation/risk assessment application
- Gained experience using Unity, Visual Studio, HoloLens SDK, as well as the HoloLens
- Gained experience designing and developing for an augmented reality platform and interacting with the development community as well as the HoloLens team
- Was the sole developer on the project, chose a platform/direction for the project

Business Systems Analyst (Co-op)   Maximus Canada   Summer/Fall 2015
- Developed business rules, business requirements, functional requirements, and use cases
- Developed tools to assist with various tasks, using Java
- Developed and reviewed test cases
- Gained experience with requirements gathering and design
- Gained experience using automated testing tools such as SilkTest

Java Software Developer (Co-op)   DoubleJump Games   Summer 2014
- Developed plugins for Minecraft, using Java
- Used development tools such as Git and Apache Maven
- Helped design mobile games and brainstorm new ideas
- Debugged/maintained software

Education

Bachelor of Computer Science   University of Victoria   2012 - 2017

Technical Skills

Programming Languages
- Java, JavaScript, Ruby, C, C#, Assembly, Python, SQL, CSS/SCSS, HTML

Tools/Frameworks
- AngularJS, Rails, VueJS (learning), jQuery, Node, Express, MongoDB, MySQL, PostgreSQL, NPM, Webpack, Gulp, Bootstrap, Git, Firebase, HoloLens SDK, Apache Maven, SilkTest, Ansible

Operating Systems
- Linux (Ubuntu/Fedora/CentOS), Windows, Mac OS, iOS, Android

Computer programs
- Unity, AutoCAD, Maya, 3DS Max, Sony Vegas, Adobe Photoshop, Adobe After Effects