Christopher Woo

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Education

Bachelor of Engineering in Software Engineering *Anticipated Graduation: May 2019*
Concordia University, Montreal, QC

DEC in Science *Sept 2012 – Nov 2014*
John Abbott College, Ste-Anne-de-Bellevue, QC

Technical Skills

Languages: Java, HTML/CSS, JavaScript, PHP, Python
Technologies: GitHub, Linux, Android Studio, Bootstrap, Node.js, Express.js, MongoDB, Laravel, MySQL

Experience

Freelancer, Self-Employed *March 2016 - Present*
- Created websites for clients to promote their business or for their personal needs using HTML/CSS, and JavaScript
- Consulted with clients to outline website goals and site functionality
- Ensured client websites are mobile friendly and responsive for all devices using Bootstrap framework

Avionics, Space Concordia Rocketry Division (Concordia University) *Sep 2016 - Present*
- Team won 2nd place at the 2016 Intercollegiate Rocket Engineering Competition (IREC) basic category in Utah
- Implemented unit testing, design review, requirement analysis, and documentation and worked with agile and scrum
- Used XBee Java Library to setup communication from rocket to ground control up to 10,000 feet altitude during rocket flight
- Created a Graphical User Interface (GUI) that displays and saves Rocket Data Acquisition such as altitude, GPS coordinates, acceleration, gyroscope, during rocket flight using Java and Swing

Projects

QuickView (ConUHacks 2017) *January 2017*
- Users can create a product with a unique barcode to display their product on our Storefront website using SAP Hybris RESTful APIs and Node.js
- Built an android application that scans the barcode and displays the product information in the application

Concordinate (concordinate.herokuapp.com) *Sept 2016 – Nov 2016*
- Concordinate is a schedule generator for Software Engineering Students at Concordia University built with PHP, MySQL, Laravel framework (MVC), and deployed on Heroku
- Used web scraping to get all Software Engineering courses and saved them into a database
- Users can register/login, set preferences, select courses and the system will generate all possible schedules with no time conflicts

Montréal Salon Audio (mtlaudiofest.github.io) *March 2016*
- Created a website for a not-for-profit audio event

GymME (McHacks 2016) *Feb 2016*
- Built an android application at McHacks 2016 (McGill University) using Java and Android Studio
- An app that logs your workout exercise with voice recognition using Nuance API
- Developed to promote health awareness and to make gym experience more enjoyable and productive