

Jordan May

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overview

Front End	JavaScript, HTML5, CSS3, Angular.js, Meteor
Back End	PHP, C++, Java, SQL Server, MongoDB, Apache, Hg
Visual Design	AutoCAD, SolidWorks, Inkscape
Electrical Systems	Circuit Design, Arduino, Signal Processing
Manufacturing	Process Instructions, Simulations, Time Studies
Academics	3 rd in class with 4.0 GPA

experience

SOFTWARE DEVELOPER | TUTELAR TECHNOLOGIES | MAY 2015 - APR 2016

Built web app to track advanced shipping notifications for 100+ suppliers

- › Written in PHP using internal framework and SQL Server
- › Reduced shipping errors by over 95%

Developed web app to track material transporters in a manufacturing plant

- › Created UI for both desktop and smart scanner
- › Reduced delivery times by 50% or more for some routes

Implemented screen sharing app with XMPP messaging for customer support

- › Leveraged various open-source projects such as noVNC, UltraVNC, Websockify, and Converse.js

Refactored authentication system in internal framework to allow for multiple simultaneous logins to an app running on a real-time engine

Set up Apache web server on Windows with SSL and WebDav

Deployed web app to manager Mercurial repositories on Debian server

MANUFACTURING ENGINEERING | MAGNA INC. | SEPT – DEC 2014

Developed process instructions, modeled tooling in SolidWorks

CIVIL ENGINEERING | B. M. ROSS & ASSOCIATES LIMITED | JAN – APR 2014

Data analysis, surveying, report drafting, AutoCAD layouts

education

CANDIDATE FOR BASC | CLASS OF 2018 | UNIVERSITY OF WATERLOO

Systems Design Engineering – Currently in 3rd year

achievements & extracurricular

UW President's Scholarship of Distinction & UW Microsoft Scholarship

2 years work experience as a produce clerk at Loblaw's

Grade 8 RCM piano and occasional percussionist

Lifelong ambition to become a LEGO Master Builder

personal projects

ClockIn

Web app to track working hours and create journal entries built with Angular.js

JordyChat

Online chat room for desktop and mobile using Meteor and MongoDB

ttExposé

Utility that organizes windows for quick and easy selection built with AutoHotkey

ClockSYDE

Digital clock constructed from Arduino Uno and programmed in Java

feedback

"Jordan exceeded our high expectations for even our full-time employees. Not only did he successfully complete the complicated projects assigned to him, he also came up with several brilliant ideas for improving our existing code, developed new algorithms, helped us implement workflow improvements to increase our corporate efficiency, and wrote utilities to improve computer use. Jordan is an outstanding employee."

Edward Dickson
President, Tutelar Technologies Inc.

"Jordan learns quickly, is conscientious and accurate. He frequently sought out work and balanced multiple assignments. As Jordan's principal supervisor, I enjoyed working with him."

Stephen Burns, P. Eng.
Principal, B. M. Ross & Associates