Jordan May

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overview

Front End	JavaScript, HTML5, CSS3, React, Meteor
Back End	PHP, SQL Server, MongoDB, Apache
Embedded Systems	C, C++, Tcl, Linux, Arduino, Circuit Design
Modelling & Design	AutoCAD, SolidWorks, Inkscape
Manufacturing	Process Instructions, Simulations, Time Studies
Academics	Top 10 in class with 4.0 cumulative GPA

Experience

EMBEDDED SOFTWARE ENGINEER CO-OP | SANDVINE | SEPT 2016 – PRESENT

Developing software for Linux and FreeBSD based Policy Traffic Switch
- › Leading development for new project to mitigate various network attacks
- › Creating unit tests using CxxTest which are run on Jenkins
- › Collaborating with PM and QA to specify requirements and test software
- › Wrote code to enhance licensing system and network attack detection policy using C, C++, and Tcl

SOFTWARE DEVELOPER | TUTELAR TECHNOLOGIES | MAY 2015 - APR 2016

Built web app to track advanced shipping notifications for 100+ suppliers
- › Tools included PHP, SQL Server and Apache in a proprietary framework
- › Reduced shipping errors by over 95%

Developed web app to track material transporters in a manufacturing plant
- › Created responsive UI for both desktop and smart scanner

Implemented screen sharing app with XMPP messaging for customer support
- › Leveraged various open-source projects such as noVNC, UltraVNC, Websockify, and Converse.js

MANUFACTURING ENGINEER CO-OP | MAGNA | SEPT – DEC 2014

Developed process instructions, modeled tooling in SolidWorks

CIVIL ENGINEER CO-OP | 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

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 completed projects built with React

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 C++

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