Matthew Mawby

Objective: I am seeking to gain knowledge, broaden my skillset, and gain work experience in a professional environment through an internship

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EXPERIENCE

Otwell Mawby P.C., Traverse City, MI — *Lab Technician*

May 2015 - August 2015 && May 2016 - August 2016

– Geotechnical testing, environmental testing, data manipulation

Computer Science Department, RPI, Troy, NY — *Undergraduate Teaching Assistant*

Spring 2016 Semester && Fall 2016 Semester

– Teaching Assistant for CSCI–2963 Introduction to Open Source, responsibilities include helping students through weekly labs exploring Open Source principles and technologies as well as providing mentorship for term projects

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY — *Computer Science Major, Expected Graduation: December 2017*

August 2014 - Present

GPA: 3.76

PROJECTS

Opinionated – Android front end development for a news aggregation and sharing application

JGraph – A small Java graph library built using generics

WellPlotter – Web app for visualizing data utilizing NodeJS and PlottableJS

The Botler – Simple facebook chat bot built with NodeJS

Webcurity – Lightweight motion detecting security software meant to be used with a webcam. Built with Python, OpenCV, and the Gmail API for notifications.

SKILLS

Familiarity with Linux (Ubuntu) and Windows

MS Excel/Google Sheets

AWARDS

Kettering University Technological Award

RPI Dean's List

PROGRAMMING LANGUAGES

Proficient in C, C++, java, Python, Javascript, SQL, CSS Bootstrap, and git

Familiar with Haskell, Erlang, Junit, and pyunit

CLUBS AND LEADERSHIP

Repertory Coordinator & Web Master – UPAC Cinema

Member of RPI Club Wrestling Team

RELEVANT COURSEWORK

Data Structures

Database Systems

Programming Languages

Principles of Software

Intro to Algorithms

Rensselaer Center for Open Source