

Michael Clayton

mclayto@purdue.edu

Campus Address:

415 Evergreen St.
West Lafayette, IN 47906
(812) 374-4896

Permanent Address:

311 North 1100 East
Hartsville, IN 47244
(812) 374-4896

OBJECTIVE:

To obtain a scholarship so that I may continue to further my higher education, increase my software development skills, and contribute to Purdue University through clubs and activities.

EDUCATION:

Bachelor of Science in Computer Science

Purdue University, West Lafayette, IN
Cumulative GPA: 3.72/4.0
Dean's List & Semester Honors – Spring 2012
Expected graduation – Fall 2014

SKILLS:

Languages: Java, C, BASIC, GML, Learning C#

- Interested in learning Python, Ruby, and C++

Platforms: MS Windows, MacOS, Linux, Unix

IDEs: Eclipse, Vim, Geany, Visual Studios

SELECT PROJECT EXPERIENCE:

ACADEMIC:

Turn-based Robots Game

Feb. 24, 2012 – April 5, 2012

- Worked in a team of three to develop an enhanced and GUI version of the classic text-based Robots game using Java.

Concurrent Equation Notation Convertor

April 12, 2012 – April 26, 2012

- Implemented multiple threads and binary trees to convert equations between infix, prefix, and postfix notation using Java.

HOBBY:

NxN Matrix Determinant Calculator

Aug. 15, 2012 – Oct. 19, 2012

- Created a program that finds the determinant of any square matrix recursively using Java.

Spell Checker

2006

- A spell checking program using GML (Game Maker Language).

Etch-A-Sketch

2004

- Simple drawing program for the TI-83 calculator using BASIC.

ACTIVITIES AND LEADERSHIP:

Purdue ACM SIGAPP (Application Development) Member

Sept. 4, 2012 – Present

Purdue ACM SIGHPC (High Performance Computing) Member

Sept. 4, 2012 – Present

Volunteer Video Technician, The Ridge Church, Columbus, IN

- Set up dynamic shots of services and trained new volunteers.

ADDITIONAL EXPERIENCE:

Stockman/Cashier

Hobby Lobby, Columbus, IN

June 21, 2008 – December 5, 2011

- Stocked merchandise, offered customer service, and trained new stockmen.