MICHAEL J. COPE

1900 McCormick Dr.
Rochester Hills, MI 48306
248.894.0325
mjcope@umich.edu

OBJECTIVE

Obtain job experience and contribute quality work in a computer science summer internship.

EDUCATION

UNIVERSITY OF MICHIGAN, Ann Arbor, MI   April 2012
B.S.E. in Computer Science
Minor - German

Relevant	Java	Programming in C++
Courses	Foundations of Computer Science	Data Structures and Algorithms
	Intro Logic Design	Discreet Mathematics
	German for Engineers	Technical Communications
	Algorithms	

COMPUTER SCIENCE PROJECT EXPERIENCE
- Desktop search engine in C++.
- Linking websites by shortest server distance using bitsets and Prim's algorithm in C++.
- Project using Greedy, Prim's, and Branch and Bound for TSP problem in C++.
- Side-scroller video game in JAVA.
- Algorithms for navigating a map using stacks and queues.
- Read a text file and find all anagrams in C++.
- Simulation for the game "Sorry" in C++, using structs, enums, and arrays.
- Blackjack simulation in C++, using abstract data types, interfaces, and inheritance.
- Reverse polish calculator in C++, using doubly linked list, stacks, and queues.
- Various projects in Matlab and Verilog
- File input GUi project in JAVA.

WORK EXPERIENCE
- University of Michigan League Catering, Ann Arbor, Mi   July 2009 – Present
    Caterer - Prep food, set tables, serve and clear food and drinks.
- Rochester Adams High School, Rochester, MI   July 2008 – Aug. 2008
    Camp Instructor - Coached elementary and middle school
        students in a day time basketball camp.
- Rochester Hills Little League, Rochester, MI   Apr. 2007 – July 2008
    Field Manager - Prepared and managed baseball fields.

EXTRACURRICULAR ACTIVITIES
- CSE Scholars   October 2010 – Present
- Leadership Training, New Life Church   July 2008 – Aug. 2008
- Detroit school and park clean-up and painting   Sept. 2008 – July 2009
- Tech Leader for church video/sound equipment set-up team Sept. 2006 – June 2008
- Hurricane Katrina Volunteer – home repairs in Mississippi   April 2008
- Basketball, Rochester Adams High School   Nov. 2005 – Mar. 2008
- Senior Class President, Rochester Adams High School   Aug. 2007 – May 2008