



COMPUTER SCIENCE / COMPUTER INFORMATION SYSTEMS

DEPARTMENT HIGHLIGHTS

Revised programs introduced. The Computer Science, Computer Information Systems Analyst and Computer Information Systems Network Analyst programs have been revised, with the new curriculum debuting in the fall of 2009. The revisions will insure that all students gain core skills in applications programming, database systems, and computer security, privacy and ethics. An internship requirement is retained in all programs.

New facilities online. Computer Science/Computer Information Systems students have a brand new computer lab for their use beginning in the fall semester of 2009. The lab will enable students to work on class projects in a setting that fosters group work and collaboration with fellow students. There will be 24/7 access to the facility, which will eventually contain 12-15 computers.

In addition to the lab facility, Computer Science faculty offices have been relocated to an area across the hall from the lab which will enable more interaction between students and faculty.

CSC Advisory Board. During the 2007-2008 academic year, an advisory board was formed to assist the Computer Science faculty in planning curriculum, fostering internship and employment relationships and launching recruitment programs. Advisory board members interact with students by participating in mock interviews where computer science students were able to practice their resume-writing and interviewing skills. Presentations in the classroom by board members and field trips to the businesses represented by the board

members are planned for 2009-2010 academic year. The current board has representation from American Greetings, First Energy Corporation, Kahn and Associates, OEConnection, and Westfield Group.

Student Organizations. B-W has a chapter of Upsilon Pi Epsilon, the national computer honorary society. The computer science club is an official Student Chapter of the Association of Computer Machinery.

High School Programming Competition continues. This past April marked the 6th anniversary of the B-W ACM Student Chapter High School Programming Competition. The competition saw its largest attendance to date with 86 students competing on 23 teams representing 13 Northeast Ohio high schools. The next competition will be held on April 20th, 2010.

5-year CSC/CIS-MBA programs. Programs are offered that enable students majoring in one of the three programs of the Computer Science Department to also obtain a minor in Business Administration and a Master's of Business Administration in a five-year format. The programs were designed to address a projected need over the next several years for graduates with strong technical and management skills.

CSC/CIS enrollments rise. After a seven year decline, enrollments in computer-related majors is rising nationwide in response to an increased demand for trained technology workers. B-W continues to experience this increase in its computing programs.

WHAT CAN I Be WITH THIS MAJOR?

Programmer/Analyst	Database Administrator	Network Analyst	Project Manager
Software Engineer	System Administrator	Systems Analyst	Web Developer
Security Analyst	Network Engineer	Application Developer	IT Business Analyst

RECENT INTERNSHIPS

American Greetings	Kahn & Associates
Berea Historical Society	KeyBank
Blackboard, Inc.	MTD Products
Datatel, Inc.	Sherwin-Williams
e-Business Express	TriMark SS Kemp & Co.
Ernst & Young LLP	Westfield Group
First Energy	Whole Health Management
Invacare Corporation	Zin Technologies

OUTCOMES

Jim Griesmer '90 Senior Development Lead Microsoft, Inc.	Matthew Prokop '95 IT Manager Component Repair Technologies, Inc.	Dennis Sommerville '98 IT Mgr, Internet/EDI Sherwin-Williams Automotive Finishes
Duke Hutchings '00 Assistant Professor Elon University	Karen Kenny '01 Supervisor Cleveland Clinic	April Kostya '02 Security Engineer National City Corp.
Chris Knoblock '02 Sr System Consultant RPM International, Inc	Rubeeca Aliniabee '03 Technical Consultant TransUnion	Bryan Martyn '03 Business System Integration Lead DTE Energy Trading
Rosely Nguyen '03 Info Security Consultant Financial Industry Regulatory Authority	Janelle Cooper '04 Application Developer Progressive Corp.	Douglas Harold '04 System Administrator District Court Northern District, OH
Craig Kitko '04 LAN Administrator Baldwin-Wallace College	Brian Krupp '05 Distributed Systems Engineer Key Bank	Goron Borojevic '06 IT Coordinator Hinckley Lighting
Ryan Liesnewski '07 Business Analyst American Greetings	Corey Clay '07 Law Student Georgetown University	Christopher Wolny '07 IT Technical Specialist First Energy Corp.
Todd Bailey '08 Analyst/Programmer Sherwin-Williams	Benjamin Horton '08 Product Manager Ernst & Young, LLP	Jason Mansfield '09 Associate QA Analyst Datatel, Inc.

FACULTY

Adam Anthony, Ph.D. Assistant Professor University of Maryland - Baltimore County	Kenneth Atchinson, MS Assistant Professor Kent State University	Randall Molmen, MS Associate Professor University of North Dakota	Susan Penko, MCIS Professor Cleveland State University
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University of Pittsburgh