



# Neumont University

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**Customer:**

IBM Corporation

**Industry:**

[Education](#)

**Deployment country:**

United States

**Solution:**

Enabling Business Flexibility, Innovation that matters, Service Oriented Architecture

## Overview

IBM has supported the design and implementation of Neumont University's curricula from inception, lending hardware, software, faculty, and intellectual content to the effort.

**Business need:**

To attack the problem of dwindling computer science enrollments.

**Solution:**

A comprehensive Bachelor of Science Degree in Computer Science was designed to help students acquire industry relevant skills and competencies. More recently, an MBA program was added to the curriculum.

**Results:**

Neumont distinguishes itself with an integrated, project-based curriculum and graduates complement their resume with a digital portfolio of projects. The first class graduated in May 2006 with a 91% job placement.

**Benefits:**

Neumont expects to be the largest single source of computer science graduates in the U.S. within 3-5 years.

## Case Study

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As part of the Academic Initiative, IBM partners with colleges and universities to better educate millions of students for a more competitive information technology (IT) workforce. The initiative supports open standards and seeks to use open source and IBM technologies for teaching purposes, both directly and virtually via the Web.

Neumont University was founded to attack the problem of dwindling computer science enrollments. In collaboration with corporate partners, including IBM, the University's mission is to educate the most sought-after enterprise application developers for Global

1000 corporations. A comprehensive Bachelor of Science Degree in Computer Science and an MBA were designed to help students acquire industry relevant skills and competencies.

The focus at Neumont is on the highest end of the IT industry: Web Services and Service Oriented Architectures, while also exposing students to key Open Source tools. Neumont University's faculty mentor students through a series of increasingly complex projects, focused on the most advanced technologies, data modeling methodologies and business practices. IBM has supported the design and implementation of Neumont's curricula from inception, lending hardware, software, faculty, and intellectual content to the effort. As a corporate partner and enterprise project sponsor, IBM has completed eight technical training sessions for faculty and students, and supported Neumont with free software. Neumont has welcomed IBM faculty from the Developer Relations team, Websphere Education, and SOA education.

Neumont distinguishes itself with an integrated, project-based curriculum and graduates complement their resume with a digital portfolio of projects. While not required, computer science industry standard certifications are recommended and Neumont pays for students to take practice exams. The BS program is a ten-quarter program and can be completed in about 28 months. Over 40% of MBA curriculum is focused on labs, intern/externships, & an optional thesis.