

**Duane Cantera**  
Web Developer/Programmer  
Middlesex Community College  
Lowell, Massachusetts  
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**Objective**  
A rewarding and challenging Software Engineering position working with customers, clients and company department heads to design and develop computer software to improve and automate their work environment.

**Summary**  
Application Developer, Software Engineer, QA Software Engineer, Software Consultant, experienced in designing, developing, training and testing both Windows Forms and web based applications. Developed web-based and desktop applications for the TriWire HR, Payroll, Billing and Dispatch departments. Also developed and tested software for the Health Care, SharePoint, Lotus Notes and Consumer Package Goods industries. B.S. Computer Science; Certificate in Webmaster Technology.

- Technologies**
- C#, SQL Server and T-SQL 2008 Stored Procedure Programming
  - Microsoft Windows Forms and Web Application Development
  - ASP.Net 4.0 Web Form Development and MVC Application Design
  - JavaScript, HTML, XML, Dropbox and Google Drive programming
  - SSRS – SQL Server Reporting Services
  - Visual Studio 2017, SharePoint, WSS & MOSS, STSADM
  - Visual Basic, C++ and C Programming Languages
  - ATL COM and STL Programming
  - SAP Programming

Technical Experience		
Middlesex Community College	Web Developer/Programmer Nov 2018 – Present	<p>Created new Microsoft MVC Core web applications for the college.</p> <ul style="list-style-type: none"><li>• Faculty Evaluation Form Printing</li><li>• Adjunct Faculty Evaluation</li><li>• MCC Customize Directory Information Application</li></ul> <p>Maintained Microsoft SharePoint Add-in web parts for college Portal web site.</p> <p>Created new Argos Datablocks to automate the email process for dropped courses, canceled courses and midterm grades.</p> <p><b>25Live Pro:</b> Created Calendars and configured the application for Facility events.</p> <p><b>Ellucian Intelligent Learning Platform:</b> Involved in setup with Banner and Blackboard.</p>
TriWire Solutions Inc	Engineering Application Developer July 2010 – Feb 2018	<p>Designed and developed both Microsoft Windows Forms and web based applications using C#, ASP.Net, JavaScript, HTML, Visual Studio, SQL Server Programming and SQL Server Reporting Services.</p>

<b>Axceler Inc</b> QA Software Engineer March 2008 – July 2010	Performed QA manual testing of ControlPoint, a web-based SharePoint administration management tool. Designed and implemented bug fixes for PowerFlow, a workflow application development tool for automating any Notes/Domino application. Wrote test specifications for the ControlPoint product.
<b>BackChannelMedia</b> QA Software Engineer Aug 2007 – Oct 2007	Performed quality assurance testing, wrote specifications, and performed technical support for the Research web site.
<b>Percussion Software</b> Software Consultant July 2006 – Jan 2007	Completed regression testing, performance testing, and component testing of specific components of ServerAdmin Plus the Replication Analyzer, Client Manager and Export to Excel.
<b>Blue Chip Technologies</b> Software Consultant July 2004 – April 2005	Wrote a Visual Basic program to modify the graphic user interface for a Blue Chip medical form application. Performed quality assurance testing, created a Microsoft help file and instructed a training class for Blue Chip Form Designer.
<b>Information Resources</b> Software Consultant & Engineer 1992 – 2002	Wrote various file loaders for the Apollo product using C and C++. Converted parts of the Apollo product from C to C++. Converted the file loaders and data manager of the Apollo product into COM components. Wrote a Visual Basic application to read and write data to an SAP database.
<b>Formworks Inc</b> Software Engineer 1989 - 1991	Worked on a Microsoft Windows Form Design application using C.
<b>Wang Laboratories</b> Software Engineer 1987 – 1989	Worked on the User Pack Software for the 42X Workstation using C.
<b>Codex Corporation</b> Software Engineer 1985 – 1987	Wrote power up diagnostics for 2300 & 2500 modems using M68000 assembler language.
<b>Foxboro Company</b> Software Engineer 1984 – 1985	Developed a new Process and Control System using C.

Education		
<b>UNH Coding Bootcamp</b> 9/07/2021 - Present	<ul style="list-style-type: none"><li>• HTML/CSS, Git, Bootstrap, JavaScript, jQuery, APIs</li><li>• Node, Express Servers, MySQL</li><li>• MongoDB, PWAs, React, Mern</li></ul>	
<b>edX Class – 8/18/2019</b>	<ul style="list-style-type: none"><li>• MVC Application Design using .NET Core 2.0</li></ul>	
<b>Merrimack College 2015 – 2016</b> Graduate Computer Science Classes	<ul style="list-style-type: none"><li>• Programming Language Principles</li><li>• Data Networking</li></ul>	
<b>Brandeis University 2008 – 2009</b> Graduate Computer Science Classes	<ul style="list-style-type: none"><li>• Windows Programming in C#</li><li>• Software Testing Techniques</li></ul>	

**Northeastern University – 2000  
Webmaster Technology  
Certificate Program**

- CGI Programming with Perl
- Java Programming
- Visual Basic Programming

Internet System Architecture

**Merrimack College B.S. 1984**

- Computer Graphics
- Data Structures
- Assembly, Basic, Fortran, Cobol and Pascal Programming Languages
- Database Design
- Operating Systems and Compiler Design