

# Delon R. Newman

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WWW: <http://delonnewman.name>  
 Open Source: <http://github.com/delonnewman>

## Summary & Personal Statement:

*I have a passion for helping people find simple solutions to complex problems—I've been working with information technology since 1999 as a System Administrator, Graphic Designer, and Software Engineer. I love to build, fix and maintain things and I love people.*

## Highlights:

- Specialize in web development, data-oriented programming, and systems integration
- Try to gain insight into problems by understanding relevant scientific and engineering principles
- Have built several interpreters, compilers, and query engines
- Enjoy communicating technical ideas to non-technical colleagues, management and students with patience and enthusiasm

## Work History:

- 9/1999 - Present **Various Companies, Freelance Software Engineer**  
*Java, C#, VBA, Python, PHP, Perl, JavaScript, Clojure, ClojureScript, Ruby on Rails, Oracle, MySQL, Linux, EDI 834*  
 Got my start around 1999 at 18 years old writing a data conversion script in Perl for a client in the manufacturing industry. Clients have included small businesses, universities, and large organizations (e.g. The Department of Veterans Affairs, Time Warner & Master Card) across industries (e.g. retail, marketing, health care, education, research, non-profit) in Connecticut, Hawaii and New Mexico. Built everything from small websites, and console applications to large multi-tier systems. Advise business leaders. Have come to specialize in systems integration, business process management, and data-oriented programming.
- 1/2013 - 1/2016 **Pacific Health Research & Education Institute, Data Manager**  
*Java, JavaScript, Ruby, Clojure, PostgreSQL, Datomic, VistA, Microsoft SQL Server, HIPAA Compliance*  
 Performed duties as a member of the research team for a NIH diabetes study (GRADE) including meeting with patients, processing lab specimen, etc. Also, served as IT liaison for the team, and developed custom software to improve day-to-day operations as well as many small scripts and programs for impromptu reporting and data analysis.
- Developed a workflow and case management system, with built-in reporting, scheduling and EHR features
  - Developed an application that interfaced with a legacy console application (VistA), parsed text reports and generated PDF reports performing tasks that previously took hours in seconds.

12/2009 - 12/2011 **Pacific Health Research & Education Institute, Programmer / Analyst**  
*Ruby, Ruby on Rails, Python, JavaScript, C#, MySQL, Microsoft Access, VBA with Excel, Oracle, Ubuntu, Windows XP, Windows Server*  
 Served as staff programmer on two NIH cancer studies (PLCO and NLST) developed custom data management, workflow and case management applications as well as many small scripts and programs for impromptu reporting and data analysis.

- Developed methods for dealing with some very complex logistical constraints imposed on the studies
- Saved the institute thousands of dollars in software and hardware purchases

5/2003 - 2/2009 **Computers Period (An IT services company), Owner**  
*PHP, Perl, C#, VBA with Excel, Microsoft Access, Windows XP, Windows Server, Redhat*  
 Provided general IT services as a one stop shop for small businesses, advised clients on software and hardware purchases. Specialized in Windows/Linux integration. Provided development services for other IT companies.

1/2005 - 7/2006 **Southern Connecticut State University, Programmer / Analyst**  
*Java, Perl, PHP, Microsoft Access, Oracle, Unix, Debian Linux*  
 Maintained and developed applications across university departments for the “Applications” team of the IT department. Performed Unix system administration and data management tasks.

- Developed a console application for importing CSV files into Oracle that provided data type analysis
- Developed a web site with extensive accessibility features for the Disability Resource Center
- Replaced the back end of an extensive Microsoft Access database with tables linked to Oracle

## **Education:**

2004 - 2006 Mathematics, Southern Connecticut State University  
 1999 - 2002 Computer Information Systems, Naugatuck Valley Community College  
 1994 - 1999 Industrial Electronics, H. C. Wilcox Technical Vocational High School

## **Publications:**

**IBM DeveloperWorks (6/5/2012): Embrace Prototypal Object-oriented Programming**

WWW: <http://ibm.co/KfuDID>

*JavaScript, Object-oriented Programming*

## **Testimonials:**

*My clients always give me great reviews about Delon, which is why I am always comfortable utilizing him time and time again. You can't go wrong with Delon!*

**—L. H., Recruiting Manager, Altres Staffing**

*He always did a great job. Delon was trusted with many projects, assignments, and clients. He was able to complete projects with little to no supervision, was always personable and respectful of clients needs and deadlines. I give the highest recommendation for Delon.*

**—J. E., Branch Manager, Robert Half Technology**

*Delon is a very capable and knowledgeable programmer able to adapt proficiently and easily to various programming languages.... He is also not a "set-in-his-ways" programmer, but rather is ready to learn and apply new thoughts that pertain to a specific job. He is very easy going and works well in both solo and group settings.*

**—A.B., Java / Web Developer, Oceanic Time Warner Cable**

*He is quick to grasp what is complex. He easily translates highly technical information to the non-programmer. He has an uncanny ability to see many creative programming approaches to a given task, and routinely presents choices that I often did not know were options. He produces systems according to specifications that are both functional and user friendly.*

**—V. J., PLCO / NLST Study Coordinator, Pacific Health Research & Education Institute**

*To manage Delon you'll find out how strong communication works, "he get's it".*

**—D.B., VP Executive Producer, Creative Director, The BCB Group**

*Delon was proactive, broad-minded and customer-focused as a developer. His grasp and in-depth understanding of modern IT is admirable. He embraced the need for integrating security throughout the IT lifecycle—a refreshing attitude and much needed in today's highly dependent and interlinked systems.*

**—J.G., Information Security Officer, The Department of Veterans Affairs, Pacific Islands Health Care System**