

Dean E. Peterson

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Technical Skills

Object-oriented programming, C#, Java, Python. Web technologies, HTML, CSS, JavaScript. Windows and Linux OS administration and architecture, Oracle SQL, MySQL. TCP/IP networking. Familiarity with system analysis and design process and git. Acquaintance with machine learning.

Soft Skills

Problem solving, troubleshooting, and oral and written communications with diverse technical and business teams, including other developers, system administrators, database administrators, designers, trainers, and support staff.

Goal

A software development job where I can mentor, and be mentored in, creating technical elegance.

EDUCATION

2020

Bachelor of Science in Computer Science, Concordia University, Saint Paul, Minnesota

- Studied Java, software engineering, relational database design, client and server-side web development, HTML, CSS, JavaScript, and MySQL.
- Awarded Outstanding Senior Student in Computer Science.
- 3.97 major GPA.

EXPERIENCE

2019-Present

Developer, Ictect, Inc., Burlington, Wisconsin

- Prototyped RESTful API server using ASP.NET, C#, and the Microsoft Graph API.
- Prototyped Word online add-in using HTML5, CSS, and JavaScript.
- Fixed bugs in Word desktop add-in using C# and Visual Studio.

2013-2014

Primary Linux Administrator, MNsure, Minnesota IT Services

- Created Linux layer underpinning the MNsure application.
- Configured, deployed, & managed 100+ Red Hat Enterprise Linux virtual machines.
- Collaborated with security staff to harden Linux virtual machine template.
- Provided responsive support and troubleshooting under intense pressure in concert with application deployment staff and VMware team.

2004-2013

System Administrator, Minnesota Department of Human Services

- Remotely maintained 80+ Windows application/database servers as part of a team.
- Implemented a customized Oracle Clusterware solution on Linux.
- Built and maintained Citrix training environment.
- Applied developer knowledge to troubleshoot and resolve problems involving multiple layers of the technology stack, including application, server OS, VMware, network, Oracle database, and ODBC connections to partners.
- Mentored technical coworkers & distilled technical information for non-technical audiences.
- Visualized information by creating widely-used Visio infrastructure diagrams.

1998-2004

Delphi Developer, Minnesota Department of Human Services

- Developed modules for social work case management system in Object Pascal & Delphi IDE.
- Accessed data in Oracle database using Oracle SQL.
- Represented development team in system analysis and design process for multiple modules.
- Clarified and implemented detailed software specifications in close concert with designer.
- Developed and supported interface to legacy COBOL systems for initial data conversion and ongoing data exchange.
- Developed and maintained software build process using a source code versioning system and application installation scripts.