

# 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. 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 and application installation scripts.