

Dean E. Peterson

724.425.4170
dean.e.penguin@gmail.com
197 Messmore Road
McClellandtown, PA 15458
linkedin.com/in/dean-e-peterson

Technical Skills

Object-oriented programming, C#/.NET, Python, Java. Web technologies, HTML, CSS, JavaScript, and git. Application architecture. Windows and Linux OS administration. Microsoft Office add-ins and OpenXML. SQL. TCP/IP networking. Familiarity with system analysis and design process. Basic acquaintance with machine learning. Understanding system context combining developer and administrator experience.

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 grow 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

Software Developer, Ictect, Inc., Burlington, Wisconsin

- Promoted robust, standardized code by developing reusable application modules in C#.
- Designed and coded RESTful API server using ASP.NET and C#.
- Prototyped Word online add-in using HTML5, CSS, and JavaScript.
- Maintained and improved existing C# Word desktop add-in, keeping technical management in the decision making loop.
- Bridged remote work gap across disparate time zones with clear written and oral communications, including technical details and takeaways for decision makers.
- Documented procedures and code with focus on the rationales for implementation decisions.
- Mentored other development staff as needed.

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.
- Applied developer knowledge to troubleshoot problems involving multiple layers of the technology stack, including app, server OS, VMware, network, Oracle database, and connections to partners.
- Mentored technical coworkers and 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.
- Clarified and implemented detailed software specifications in close concert with designer.
- Developed and supported interface to legacy COBOL systems for data conversion/exchange.