

# DAKOTA DeMAEGD

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## EDUCATION

**Purdue University, West Lafayette, IN**

Dec. 2017

Bachelor of Science in Computer Information Technology

Minors in Organizational Leadership and Supervision (OLS), Communications (COM)

Cumulative GPA: 3.14 / 4.0

**Relevant Coursework:** Software Development For Mobile Computers, Advanced System Analysis and Design, System Administration, Object-Oriented Programming, Database Programming, Information Technology Architectures

## WORK EXPERIENCE

**Software Developer Intern, Harmony Healthcare IT, South Bend, IN**

May 2017 – August 2017

- Developed a schema transfer tool in C# to transfer schemas from Microsoft SQL Server to PostgreSQL Server and vice versa
- Designed and improved UI aesthetics using JSP and CSS for a reporting tool that generates and sends reports to clients
- Developed a Python script to monitor the status of deployed servers for all clients that notifies IT analyst

**Software Developer Intern, Open Access Technology International, Minneapolis, MN**

June 2016 – August 2016

- Developed web software for trading energy using C# and SQL in order for customers to complete their business
- Patched numerous bugs in the web service, WebSmartTrader, and released patches in monthly service packs that was received by customers
- Converted SQL Server 2008 database to run efficiently on SQL Server 2014 for the development team
- Completed unit and regression tests on new code to ensure proper functionality

## SKILLS

### Object-Oriented Programming:

- C#
- Java
- C++

### Other Languages:

- SQL
- Python
- HTML / CSS

Unified Modeling Language (UML)

### Development Methodologies:

- Scrum
- Rapid Application Development
- Agile Development

### Knowledge of Software Testing:

- Unit
- Regression

### Database Development:

- MSSQL / PostgreSQL / Oracle

## LEADERSHIP EXPERIENCE

**Purdue IEEE, IEEE Racing Committee, Vice President / Driver**

Jan 2016 – Present

- Developed and designed a dual-motor electric kart to compete in the Purdue evGrandPrix at Indianapolis Motor Speedway
- Elected Social Chair position of committee and completed responsibilities of planning social events for the team
- Elected driver to compete in 2017 evGrandPrix and finished in 2nd

**Student Supervisor, Purdue Dining and Catering, West Lafayette, IN**

Sept. 2014 – Dec. 2016

- Coordinated, managed, and trained groups of associates in order to run efficient work shifts
- Focused on improvement of communication to promote successful teamwork