

DAKOTA DeMAEGD

ddemaegd82@gmail.com | <https://ddemaegd.github.io>

EDUCATION

Purdue University, West Lafayette, IN

Dec. 2017 (expected)

Bachelor of Science in Computer Information Technology

Minor(s): Organizational Leadership and Supervision (OLS), Communications (COM)

Cumulative GPA: 3.14 / 4.0

Relevant Coursework: Software Development Methodologies, 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 aesthetics for reporting tool using JSP and CSS
- Developed a Python script to monitor status of deployed servers for all clients

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

June 2016 – August 2016

- Developed web software in C# and SQL while working in a scrum, rapid application development team
- Patched numerous bugs in company's web product to be released in monthly service packs
- Converted system's database to run efficiently on SQL Server 2014
- 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, Officer / 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