

# WILLIAM EHRLICH

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## EDUCATION

**Northwestern University**, Evanston, Illinois

Sept. 2016 – Mar. 2018

**Degree:** Master of Science in Computer Science, **GPA:** 3.94/4.00

**Coursework:** Design and Analysis of Algorithms • Biometrics • Introduction to Computer Graphics  
Human Computer Interaction • Introduction to Database Systems • Machine Learning  
Internet of Things • Readings in Database Systems

**Northwestern University**, Evanston, Illinois

Sept. 2009 – Jun. 2013

**Degree:** Bachelor of Science in Chemical Engineering

## WORK EXPERIENCE

**OSIsoft LLC**, San Leandro, CA

Sept. 2013 – Jun. 2016

*Technical Support Engineer*

- Resolved issues with the design, implementation, and use of OSIsoft LLC's proprietary PI System software, closing over 1,000 cases
- Authored PowerShell scripts for extracting diagnostic information including Windows Event Logs, lists of installed programs and operating system versions
- Taught an internal training class on the use of command line tools for troubleshooting software issues

## PROJECT EXPERIENCE

**GradsOnTrack**

Jan. 2017 – Mar. 2017

*HTML5, CSS/Bootstrap, JavaScript/jQuery*

- Built a web interface for an application used to track graduate school applications

**Illuminated Jewels**

Jan. 2017 – Mar. 2017

*JavaScript, WebGL, GLSL ES*

- Created a world filled with 3D shapes, camera controls, and various lighting and shading methods

## GROUPS

**Institute of Electrical and Electronics Engineers at Northwestern**

Jan. 2017 – Present

- Executive Board Member

**Splash at Northwestern**

Feb. 2017 – Apr. 2017

- Student Teacher

**Association for Computing Machinery**

Jan. 2017 – Present

- Student Member

## SKILLS

**Programming Languages:** Python, C++, Java, HTML, CSS, JavaScript, WebGL, MATLAB, LaTeX

**Scripting and Querying Languages:** Windows Command Line, PowerShell, T-SQL

**Integrated Development Environments:** Visual Studio, Eclipse, NetBeans, PyCharm

**Operating Systems:** Windows, Mac OS X, Ubuntu

**Software Tools:** PI System, Microsoft SQL Server, Internet Information Services (IIS), SharePoint

**Other Software Skills:** Windows Server Administration, Networking

**Non-Technical Skills:** Teaching, Mentoring, Public Speaking