

WILLIAM EHRLICH

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EDUCATION

Northwestern University, Evanston, Illinois Sept. 2016 – Mar. 2018

McCormick School of Engineering and Applied Science

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

McCormick School of Engineering and Applied Science

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

PROFESSIONAL GROUPS

Institute of Electrical and Electronics Engineers (IEEE) at Northwestern

Jan. 2017 – Present

- Executive Board Member

Association for Computing Machinery (ACM)

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