

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