# WILLIAM DONOVAN EHRICH

**Address**: 2207 Ridge Ave., Apt. 1B, Evanston, IL 60201 ● **Phone**: (617) 775-5105
**Email**: wdehrich@gmail.com ● **Website**: wdehrich.com ● **GitHub**: wdehrich ● **LinkedIn**: wdehrich
**AngelList**: wdehrich ● **Facebook**: wdehrich ● **Messenger**: wdehrich ● **Twitter**: wdehrich

## 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

**Technical Support Engineer** – OSIsoft, LLC (San Leandro, CA)        *Sept. 2013 – Jun. 2016*
- 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

## PROJECTS

**Grads on Track** (HTML5, CSS/Bootstrap, JavaScript/jQuery)        *Jan. 2017 – Mar. 2017*
- Built a web interface for an application used to track graduate school applications

**Illuminated Jewels** (JavaScript, WebGL, GLSL ES)                *Jan. 2017 – Mar. 2017*
- Created a world filled with 3D shapes, camera controls, and various lighting and shading methods

## ORGANIZATIONS

**Splash at Northwestern**                                          *Feb. 2017 – Apr. 2017*
- Taught an introductory class on developing websites with HTML to 12 high school students

**Institute of Electrical and Electronics Engineers at Northwestern**   *Jan. 2017 – Present*
- Currently serving on executive board, helping plan hackathons and social events

## SKILLS

**Programming Languages:** Python, C++, Java, HTML, CSS, JavaScript, WebGL, MATLAB
**Scripting, Querying, and Markup Languages:** Windows Command Line, PowerShell, T-SQL, LaTeX
**Integrated Development Environments:** Visual Studio, Eclipse, NetBeans, PyCharm
**Operating Systems:** Windows, Mac OS X, Linux (Red Hat, 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