

# JEN ANDERSON

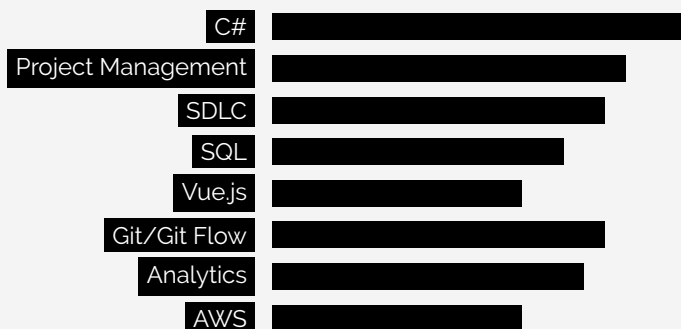
Software Engineering Manager

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✉ andersonn.jen@gmail.com

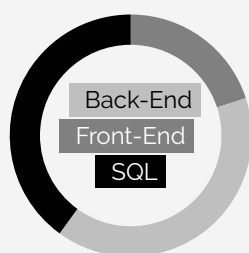
🌐 andersonnjen.com  
🐙 github.com/unybble  
🐦 @unybble

## WHO AM I?

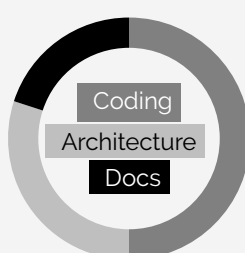
Hands-on and proactive Software Engineering Manager with 10+ years experience coordinating and executing projects, building teams, and creating valuable, cost-effective product. A practiced process-maker, experienced with data analytics and statistical testing, lean code architecture, and Agile, with effective leadership and teamwork. Strongly knowledgeable in the Microsoft stack and open-source FLOSS technologies.



## EFFORT ALLOCATION



STACK



CODE BASE



DAILY CHARGE

## EXPERIENCE

01/2016 - Present **Director of Software Engineering** ECRA Group Inc. | Schaumburg IL  
SQL / C# / Vue.js / REST API / Agile / Git / OAuth2 / AWS / Project Management / Mentoring

- Responsible for leading all software-related projects related to the ECRISS platform through direct supervision of application development.
- Directing a group of 6 - 10 developers and professionals in reaching company objectives in a timely manner.
- Developing and implementing organized processes for improvement of team efficiency and producing high-quality deliverables.
- Involved in architecture of new product solutions, code reviews, and organic, seamless upgrades of legacy code.
- Responsible for hiring new team members and conducting training and performance reviews.
- Ability to train and fold-in "green" developers, empowering them to make meaningful contributions in a short period of time.
- Reporting status of team to Product, VP of Technology, and CEO on a regular basis.

05/2014 - 12/2015 **Software Engineer in Data Science** ECRA Group Inc. | Rosemont IL  
WebServices / JS / Python / CSS

- Built and managed ECRISS portal, debugged and refactored legacy code.
- Developed testing protocols and implemented best practice coding standards.
- Built data analysis tools using basic statistical methodology for clients and associates.

|                             |   |  |
|-----------------------------|---|--|
| 2011 - present<br>contract  | <b>Lecturer</b><br>Purdue University Northwest   Hammond IN<br>R-Studio / SPSS / Google G-Suite <ul style="list-style-type: none"> <li>Responsible for teaching an online version of statistics 101 covering all of the behavioral methods: descriptives, distribution types, percentile rank with z-score normalization, odds-ratio, and parametric and non-parametric statistical testing.</li> <li>Developed the "master" course from scratch, which is currently used to train all incoming nursing students.</li> <li>Trained faculty to create and copy content into their individual courses, enforcing a standard format and structure to deliver to students.</li> </ul> |  |
| 10/2019 - 12/2019           | <b>Independent Consultant</b><br>FTG-Company   Tokyo Japan<br>Ruby / AWS S3 & Lambda / CircleCI / Git <ul style="list-style-type: none"> <li>Implemented 'Franchise' form within existing SPA Ruby on Rails using Middleman.</li> <li>Updates to lambda function and S3 storage to route incoming form submissions.</li> </ul>  |  |
| 2013 - present<br>as needed | <b>Research Assistant</b><br>Carthage Vision Lab   Kenosha WI<br>Matlab / Dropbox / Psychophysics Toolbox / PsychoPy / Psychometrics <ul style="list-style-type: none"> <li>Wrote and executed psychophysics vision experiments in MatLab Psychophysics Toolbox and PsychoPy3.</li> <li>Maintained documentation for revolving students.</li> <li>Wrote data analysis programs to process large amounts of data generated by experiments.</li> <li>Attended conferences to present findings of experiments.</li> </ul>  |  |

## EDUCATION

|             |  |  |
|-------------|--|--|
| 2007 – 2013 | <b>Doctorate of Philosophy</b><br>Degree in Behavioral Neuroscience<br>University of Illinois at Chicago         |  |
| 2008 – 2013 | <b>Masters Degree</b><br>Degree in Computer Science<br>University of Illinois at Chicago                         |  |
| 2007 – 2010 | <b>Masters Degree</b><br>Degree in Behavioral Neuroscience<br>University of Illinois at Chicago                  |  |
| 2002 – 2007 | <b>Bachelors Degree</b><br>Degree in Psychology (Minor in Computer Science)<br>University of Illinois at Chicago |  |

## LANGUAGES

**English** - native  
**Italian** - limited working proficiency

## HOBBIES

I love triathlon, lifting weights, and learning. I strive for continuous improvement of myself as a person.

## WOMEN IN STEM

I am an advocate for women in STEM and attended and have been invited to speak at various events in Chicago.