

# JEN ANDERSON

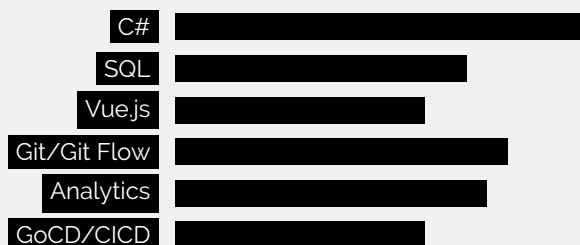
Software Engineering Manager

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✉ andersonn.jen@gmail.com

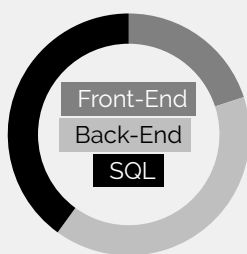
🌐 andersonnjen.com  
🐙 github.com/unybble  
🐦 @unybble

## WHO AM I?

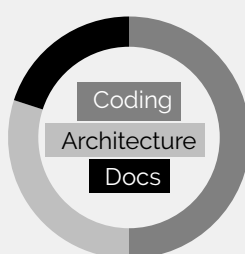
Hands-on and encouraging Software Engineering Manager with 10+ years experience coordinating and executing projects, building teams, and creating valuable, cost-effective product. A practiced process-maker, experienced with data analytics and statistical testing, lean code architecture, effective leadership 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  
MSSQL / MariaDB / C# / Vue.js / REST API / Agile / Git / SCRUM

- Responsible for leading all software-related projects related to the ECRIS platform through direct supervision of application development.
- Directed 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.
- Trained all company personnel in novel implementation of AGILE best practices with Kanban and burn-down charts.
- 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.
- Developed automated tools (SlackBot) within the Agile framework to increase and forecast team productivity.
- Developed robust system of near-automatic feature documentation.
- Reported 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 ECRIS 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 part time	<b>Lecturer</b> 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>	Purdue University Northwest   Hammond IN
10/2019 - 12/2019	<b>Independent Consultant</b> 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>	FTG-Company   Tokyo Japan
2013 - present part time	<b>Research Assistant</b> Matlab / Dropbox / Psychophysics Toolbox / PsychoPy <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>	Carthage Vision Lab   Kenosha WI

## EDUCATION

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

## LANGUAGES

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

## HOBBIES

I love triathlon, lifting weights, and learning. I strive to continuously improve myself as a person.

## WOMEN IN STEM

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