

JEN ANDERSON

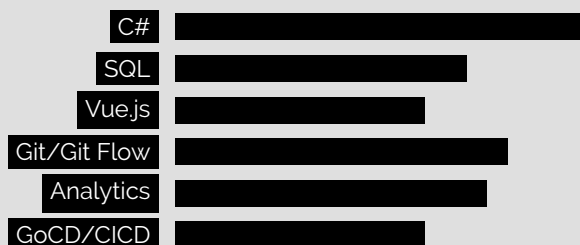
Software Engineering Manager

📍 Palatine, IL
📞 +1 708 945 2908
✉ andersonn.jen@gmail.com

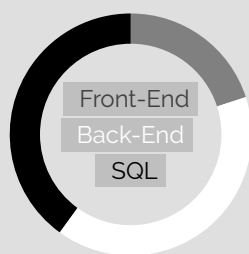
🌐 andersonnjen.com
🐙 github.com/unybble
🐦 @unybble

WHO AM I?

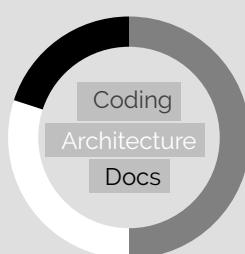
Hands-on and encouraging Software Engineering Manager with 10+ years experience coordinating and executing projects, building teams, and creating valuable, cost-effective product. A practiced process-maker, experienced with data analytics and statistical testing, lean code architecture, effective leadership 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	Lecturer R-Studio / SPSS / Google G-Suite <ul style="list-style-type: none"> 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. Developed the "master" course from scratch, which is currently used to train all incoming nursing students. Trained faculty to create and copy content into their individual courses, enforcing a standard format and structure to deliver to students. 	Purdue University Northwest Hammond IN
10/2019 - 12/2019	Independent Consultant Ruby / AWS S3/Lambda / CircleCI / Git <ul style="list-style-type: none"> Implemented 'Franchise' form within existing SPA Ruby on Rails using Middleman. Updates to lambda function and S3 storage to route incoming form submissions. 	FTG-Company Tokyo Japan
2013 - present part time	Research Assistant Matlab / Dropbox / Psychophysics Toolbox / PsychoPy <ul style="list-style-type: none"> Wrote and executed psychophysics vision experiments in MatLab Psychophysics Toolbox and PsychoPy3. Maintained documentation for revolving students. Wrote data analysis programs to process large amounts of data generated by experiments. Attended conferences to present findings of experiments. 	Carthage Vision Lab Kenosha WI

EDUCATION

2007 – 2013	Doctorate of Philosophy Degree in Behavioral Neuroscience	University of Illinois at Chicago
2008 – 2013	Masters Degree Degree in Computer Science	University of Illinois at Chicago
2007 – 2010	Masters Degree Behavioral Neuroscience	University of Illinois at Chicago
2002 – 2007	Bachelors Degree 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.