

JEN ANDERSON

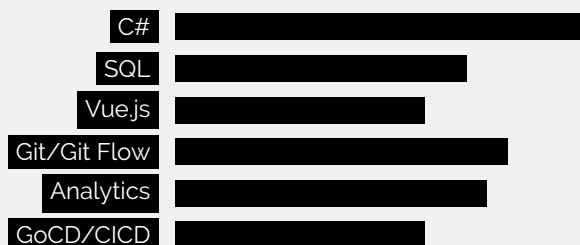
Software Engineering Manager

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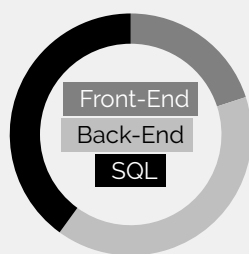
🌐 andersonnjen.com
🐙 github.com/unybble
🐦 @unybble

WHO AM I?

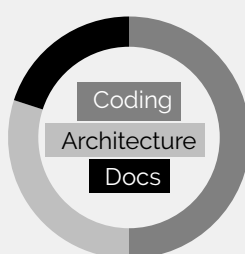
Hands-on and encouraging Software Engineering Manager with 10+ years experience coordinating and executing projects, building teams, and creating valuable, cost-effective product. A practiced process-maker, experienced with data analytics and statistical testing, lean code architecture, effective leadership 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
SQL / C# / Vue.js / REST API / Agile / Git / OAuth2

- Responsible for leading all software-related projects related to the ECRIS 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 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 contract	Lecturer Purdue University Northwest Hammond IN 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. 	
10/2019 - 12/2019	Independent Consultant FTG-Company Tokyo Japan 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. 	
2013 - present as needed	Research Assistant Carthage Vision Lab Kenosha WI Matlab / Dropbox / Psychophysics Toolbox / PsychoPy / Psychometrics <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. 	

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 Degree in Behavioral Neuroscience University of Illinois at Chicago	
2002 - 2007	Bachelors Degree Degree in 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 for continuous improvement of myself as a person.

WOMEN IN STEM

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