

JEN ANDERSON

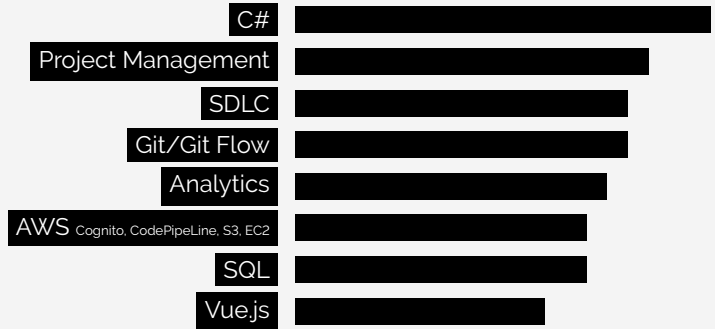
Software Engineering Manager

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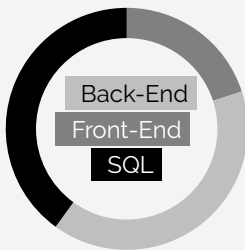
🌐 andersonnjen.com
 🐙 github.com/unybble
 🐦 @unybble

WHO AM I?

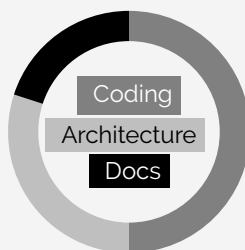
Hands-on and proactive Software Engineering Manager with 10+ years experience coordinating and executing projects, building teams, and creating valuable, cost-effective product. A practiced process-maker, experienced with data analytics and statistical testing, lean code architecture, and Agile, with 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 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

- 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

- 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

- 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

University of Illinois at Chicago

Degree in Behavioral Neuroscience

2008 - 2013

Masters Degree

University of Illinois at Chicago

Degree in Computer Science

2007 - 2010

Masters Degree

University of Illinois at Chicago

Degree in Behavioral Neuroscience

2002 - 2007

Bachelors Degree

University of Illinois at Chicago

Degree in Psychology (Minor in Computer Science)

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.