

## TEACHING / MENTORING / COMMUNITY

### APP ACADEMY

June 2020 – Jan 2021

#### Principal Technical Mentor

Remote

- Guided cohorts of 60+ students through 24 week remote JavaScript/Python Web Development intensive (NodeJS, Express, Sequelize, React, Redux, Flask)
- Conducted live lectures (via Zoom) on a wide variety of topics including but not limited to programming basics, object-oriented programming, data structures and algorithms, relational databases and ORMs, ReactJS, Redux
- Provided feedback and guidance to the curriculum team and updated curriculum as necessary
- Answered student questions, provided feedback on projects and conducted weekly assessments to gauge performance

### UCSB PROFESSIONAL AND CONTINUING EDUCATION

Sept 2019 – Present

#### Software Engineering Instructor

Santa Barbara, CA

<https://ucsbpython.dev/>

- Developed curriculum for Introduction to Python course including weekly lectures, homework assignments, in-class activities and projects to introduce students to the basics of Python and Computer Science
- Successfully transitioned the course to an online format in Spring, 2020 as a response to the COVID-19 shutdown

### LINKEDIN LEARNING / MADECRAFT

Sept 2019-Present

#### Author, Python for Students, Mistakes to Avoid at Work

<https://www.linkedin.com/learning/python-for-students/python-for-students>

<https://www.linkedin.com/learning/mistakes-you-should-avoid-at-work>

- Wrote and recorded online course for LinkedIn Learning – Python for Students has been viewed by over 62K students as of Feb, 2021

### EQUALITECH

June 2016-Present

#### Founding Board Member

Goleta, CA

<http://www.equalitech.org/>

- Our mission is to remove barriers to learning, career opportunities and life skills by expanding free access to technology and education
- Our first Community Tech Center in Old Town Goleta in April, 2017 which provides free computer access, Wi-Fi and computer training to the public
- Recently received a California Adult Education Block grant from our local community college to develop an adult digital and language literacy program

### FULL JOIN

Oct 2018 – Present

#### Mentor / Instructor

[github.com/full-join](https://github.com/full-join)

- While at Procore, created and led a weekly coding group for QAs looking to transition to Engineering. The group has since grown beyond Procore and continues to meet weekly to work on Web Development projects

## SOFTWARE ENGINEERING EXPERIENCE

### INDEPENDENT CONSULTANT

Oct, 2019-June 2020

- Provided full-stack (Ruby on Rails/React) software engineering services for a Robotics company developing an analytics platform
- Completed a full rewrite of the front end including implementing React and Bulma CSS for a more modern look and feel
- Worked with the client to develop a custom authentication / registration process that balanced security with user experience concerns
- Designed and developed custom charts showing Robot utilization using the recharts library

### PROCORE TECHNOLOGIES

June, 2017-June 2019

#### Senior Software Engineer (June, 2018 – June 2019)

Carpinteria, CA

#### Software Engineer (June, 2017 – June 2018)

Procore makes cloud-based software for the construction industry.

- Full-stack web developer for a large legacy Ruby on Rails application (originally written on Rails 1) with a React front end
- Responsible for the end-to-end development of features including partnering with Product Managers to develop acceptance criteria, writing well tested, maintainable code and working with QA to establish robust testing and release plans
- Mentored junior engineers via pairing, design review, and code review

## SOFTWARE ENGINEERING EXPERIENCE, CONTINUED

# JULIE NISBET

---

## ECORITHM

### Software Engineer

Nov, 2016-April, 2017

Santa Barbara, CA

*Ecorithm makes physics-based predictive analytics and optimization software transforming dynamic data into specific, actionable insights for building owners and operators.*

- Developed client and server applications for presenting Ecorithm's proprietary analytics utilizing Ruby/Rails, JavaScript, React, jQuery, PostgreSQL, HTML/CSS and developed a product management plan for the team including the introduction of Agile/Scrum
- Added the project's first modern front-end features (responsive charts, infinite scroll) by implementing React via the React on Rails gem. Load time for tables decreased from several seconds (and crashing browsers) to milliseconds

## NEONMOB

### Software Engineer

2014 – 2016

San Francisco, CA / Santa Barbara, CA

*NeonMob is a platform for collecting digital trading cards.*

- Developed features from the ORM to the client layer utilizing Python/Django, Django REST Framework, AngularJS, PostgreSQL, REDIS, MongoDB, NodeJS, Swift
- Team utilized Agile principles with no product managers or QA so I was responsible for all aspects of story ownership including writing acceptance criteria, managing tasks, writing test-driven code, running hallways and hand-offs, and testing the final product.

## VOLUME

### Software Engineer

2013-2014

San Francisco, CA

- Contributed to the design and implementation of client and server applications utilizing Ruby/Rails, JavaScript, CoffeeScript, jQuery, PostgreSQL, HTML/CSS

## EDUCATION

---

### BOSTON UNIVERSITY GRADUATE SCHOOL OF MANAGEMENT

Boston , MA

#### MBA / MS Dual Degree, May 2010

- Master of Business Administration / Master of Science in Information Systems (Dean's Scholarship Recipient)
- Concentration: Strategy & Business Analysis / Finance
- GMAT: 750

### UNIVERSITY OF MICHIGAN

Ann Arbor, MI

#### Bachelor of Science, Mathematics (Statistics Minor), April 2004

- Varsity Water Polo Team (Scholarship Athlete 2000-2004, AWCPA All American Honorable Mention, All Conference First Team, Academic All American)
- University of Michigan Athletic Academic Achievement Recipient (2001-2004), Big Ten Scholar Athlete Award Recipient (2002-2004)

## SKILLS

---

- Ruby, Rails, Python, Django, React, NodeJS, Sinatra, JavaScript, jQuery, PostgreSQL, HTML/CSS
- Highly proficient in Microsoft Office, particularly Excel, Word and PowerPoint.
- Proven ability and desire to learn new languages, frameworks and systems quickly