JULIE NISBET

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Experienced software engineer with a self-driven work ethic and a demonstrated ability to deliver high-quality results with minimal supervision. A seasoned instructional leader with a track record of mentoring and coaching teams, I possess strong communication, collaboration, and leadership skills. Seeking a challenging role to leverage my technical expertise and leadership skills to drive innovation, improve team performance, and achieve organizational goals.

EXPERIENCE

ALCHEMY CODE LAB
2021 – 2023
Remote

Director, Software Instruction (August 2022 – Feb 2023)
Lead Instructor (May 2021 – July 2022)

- Lead Instructor for cohorts of 20-30 students for a Full-Stack Javascript Web Development course (NodeJS, Express, React).
- Helped lead the development of a brand new Full-Stack JavaScript Web Development curriculum, working with a team of 5 to define learning objectives, design lectures/labs, and establish best practices for modern web development tools and frameworks (NodeJS, Express, React).
- Developed and implemented student intervention strategies, assessed student performance, and provided targeted support to struggling students, resulting in many students successfully completing their training
- Managed teams of teaching assistants, providing guidance, training, and support to recent graduates of the program, resulting in cohesive teams that enhanced the learning experience for students.
- Developed and implemented a hiring process for teaching assistants including technical interviews with debugging challenges.
- Monitored student progress and provided regular feedback and support to ensure students remained engaged and motivated throughout the training program.

APP ACADEMY
2020 – 2021
Remote

Principal Technical Mentor

- 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.
- Contributed to ongoing curriculum development by providing valuable feedback and recommendations, ensuring that training materials were relevant and up to date.

INDEPENDENT CONTRACTING
2019-2020

- 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 modern UI/UX.
- Worked with the client to develop a custom authentication / registration process that balanced security with user experience concerns

PROCORE TECHNOLOGIES
2017-2019
Carpinteria, CA

Senior Software Engineer (June 2018 – June 2019)
Software Engineer (June 2017 – June 2018)

- Full-stack software engineer 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.
- Spearheaded the development of a feature that enables efficient management of expected revenue for Change Events in construction projects, resulting in the successful filing and issuance of a United States Patent ([Patent # 11,416,793](#)).
- Mentored and trained junior engineers through various methods including pair programming, design review, and code review, facilitating their professional growth and development while elevating the quality and maintainability of the codebase.

NEONMOB
2014-2017
Santa Barbara, CA

Software Engineer

- Developed features from the ORM to the client layer utilizing Python/Django, Django REST Framework, AngularJS, PostgreSQL, REDIS, MongoDB, NodeJS, Swift
- Responsible for the end-to-end development of features including writing acceptance criteria, managing tasks, writing test-driven code, running hallways and hand-offs, and testing the final product.
- Led the development of a self-publishing tool for artists allowing us to increase the number of creators on the platform 10-fold

VULUME
2013-2014
San Francisco, CA / Santa Barbara, CA

Software Engineer

- Worked closely with a small team of 3 engineers to successfully launch Vulume Beta in November 2013 using Ruby/Rails, JavaScript, CoffeeScript, jQuery, PostgreSQL, HTML/CSS.

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- Independently developed and implemented several critical beta features including user mentioning in comments, image tagging, collaborator roles, and a cover image and avatar cropper.

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)

COMMUNITY AND TEACHING

UCSB PROFESSIONAL AND CONTINUING EDUCATION   *2019 –2020*
Software Engineering Instructor   *Santa Barbara, CA*

- Developed a dynamic and immersive curriculum for an Introduction to Python course, comprising weekly lectures, hands-on assignments, in-class activities, and projects, all aimed at introducing students to the essential concepts and tools of Python programming.
- Successfully transitioned the course to an online format in Spring, 2020 as a response to the COVID-19 shutdown.

LINKEDIN LEARNING / MADECRAFT   *2019-Present*
Author, Python for Students, Mistakes to Avoid at Work

h*ttps://www.linkedin.com/learning/python-for-students/python-for-students*
https://www.linkedin.com/learning/mistakes-you-should-avoid-at-work
https://www.linkedin.com/learning/python-vs-javascript-for-development

- Developed and delivered multiple online courses for LinkedIn Learning, leveraging my expertise in Python and Javascript to develop high-quality content that engaged and inspired learners around the world.
- *Python for Students* and *Mistakes to Avoid at Work* combined have been viewed by over 125K students and all three are rated 4.7/5 stars

EQUALITECH   *2016-2020*
Founding Board Member   *Goleta, CA*
http://www.equalitech.org/

- Our mission was to remove barriers to learning, career opportunities and life skills by expanding free access to technology and education
- Opened a community Tech Center in Old Town Goleta in April, 2017 providing free computer access, Wi-Fi and computer training to the public

FULL JOIN   *2018 – Present*
Founder
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

SKILLS

- Javascript, NodeJS, Express, Ruby, Rails, Python, Django, React, Sinatra, 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