

Sarah M. Johnson

Passionate about creating ethical technology.

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WORK EXPERIENCE

Backend Engineer & Culture Team Lead: Bond Financial Technologies **9/19 - 5/21**

- *Backend:* Building financial APIs in Python using Flask, Django, CircleCi, and Sentry. Leading the build of multiple products from conception to monitoring in production. Owning the integration with vendors such as Plaid.
- *DevOps:* Coding in Terraform to create a secure, stable and scalable infrastructure. Utilizing Kubernetes, AWS, Rancher, Datadog, Pagerduty, Pingdom, and ThreatStack.
- Passionate about writing clean code and documenting changes in order to iterate quickly and effectively.
- Started a Culture Team and continue to lead the company in efforts to prioritize inclusivity and diversity.
- Joined Bond as the second backend engineer - comfortable with ambiguity in early stage startups.

Machine Learning Engineer: SynapseFi (Banking Platform Startup) **2/18 - 9/19**

- Worked collaboratively with my teammates to build, test, and push financial technology apps to production (processing \$10B+ in transactions for 1.5M end users)
- Contributed to apps built with Computer Vision (OCR, Facial Recognition, and Segmentation) and Natural Language Processing

EDUCATION

University of California, Berkeley **Graduated: December 2018**

B.A. Cognitive Science (emphasis in Computer Science), B.A. Gender & Women's Studies

RESEARCH

Undergraduate Researcher: Bishop Affective Cognitive Neuroscience Lab **5/16 - 1/18**

- Worked with a graduate student to build a computational model using fMRI data that localizes valence, arousal, and discrete emotional stimuli in the brain

Gender & Women's Studies Thesis: Improving Diversity in Computer Science at Cal **4/17 - 12/18**

- Wrote an undergraduate thesis that analyzed the trends in graduation rates of women and underrepresented minorities and proposed structural changes aimed at improving inclusivity and diversity in the department

LEADERSHIP

House President: Led 20 Managers in a 140-Member Student Cooperative **5/17 - 1/18**

- Organized and facilitated weekly house council meetings and bi-monthly manager meetings
- Implemented formal training in conflict resolution, workflow management, inclusivity, and policy compliance

LANGUAGES

- I am a fluent English speaker, conversational in Spanish, and learning French.