Kathleen Barrows

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EXPERIENCE

SOFTWARE ENGINEERING INTERN, NUDGESPACE, TUSCON, AZ - SUMMER 2020 - PRESENT
Nudgespace is an early-stage startup whose goal is to connect people with the potential to create a relationship of any kind. We are working on developing our first MVP! So far my work has lead me to everything from database design, to microservice architecture, to front end development.

FULL-STACK DEVELOPER, CARDINAL LABS, STANFORD, CA - FALL 2019 - PRESENT
I develop tech solutions for Silicon Valley start ups. Projects include developing the Stanford Student Enterprises website, designing and devloping the Cardinal Labs website, building out an Early Stage AI Company's Risk Suite using React, Redux, and Firebase, and creating an iOS and Android mobile app for CookEZ using React Native, Firebase and Algolia.

RESEARCH ASSISTANT, VISION AND PERCEPTION NEUROSCIENCE LAB, STANFORD, CA - FALL 2019 - SPRING 2020
I worked with an MRI research project examining the development of the visual cortex in infants. Responsibilities included data acquisition and analysis and using Python and Matlab to create behavioral and fMRI experiments.

EDUCATION

STANFORD UNIVERSITY, COMPUTER SCIENCE - BACHELOR'S OF SCIENCE, 2022

CAMPUS INVOLVEMENT: Stanford Women in Computer Science Outreach CoLead, Stanford Lightweight Rowing, Residential Assistant

SKILLS

LANGUAGES
C, C++, Java, Python, HTML/CSS/JS, React, React Native, XML

DEVELOPMENT TOOLS
XCode, Eclipse, Vim, Emacs, UNIX shell, VS Code, PyCharm, Qt Creator, Android Studio, Firebase, AWS

FULL-STACK WEB DEVELOPMENT

IOS/ANDROID DEVELOPMENT

RELEVANT COURSEWORK

CS 106A Programming Methodology (Java)
CS 106B Programming Abstractions (C++)
CS 103 Mathematical Foundations of Computing
CS 107 Computer Organization and Systems (C)
CS 109 Introduction to Probability for Computer Scientists (Python)
CS 110 Principles of Computer Systems (C++ C)
CS 161 Design and Anysis of Algorithms