

Sarah Ing

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SOFTWARE ENGINEER

Professional Experience

Fullstack Software Engineer • Skillshare 2018

- Implemented Groups and Projects in PHP and Backbone raising user retention by 3%
- Led integration of Sift Science, a machine-learning tool to detecting fraudulent data
- Developed Marketplace, a product for selling creative goods, using React.js

Frontend Software Engineer • Sapient 2017-2018

- Built an open-source app review platform using Electron and React.js for First Responders
- Used React.js, HTML, and CSS to iteratively prototype a platform for loan applications at Citibank
- Conducted design research workshops with users and stakeholders to prioritize feature requests

Freelance Software Engineer 2017

- Used JavaScript, React.js, and Ruby on Rails to create an application for a digital agency to calculate monthly mortgage payments
- Designed backend service for using Google Places and Zillow API
- Implemented design features per mockup using HTML, CSS, and Sass

Creative Technologist • MIF Creative 50 2017

- Coded, designed, and produced a commissioned work for the Manchester International Festival, using the sentiment analysis of tweets and the Philips Hue API to change the color of a mood lamp
- Featured on the BBC Live page

Software Engineer • OwnLocal 2015-2017

- Created, implemented, and maintained software tool for the support team to perform audits on business data using Google Places API, jQuery, HTML, CSS, and Rails
- Wrote and tested localization gem to correctly validate international business records using RegEx, Ruby, and RSpec
- Worked on client-facing business directory to display ad content using JavaScript with Backbone, Rails, and Cucumber

Experience Designer • Hyper Island 2017

- Human-centered design projects with modules focusing on design thinking, UX, and digital technologies
- Clients: BBC, Pentland Brands, Speedo, LateRooms, and the NHS
- Industry-led by IDEO, Common Good, Pentland

Freelance Writer 2012-2014

- Interviewed and wrote features for lifestyle publications, while visually designing editorial content and reviewing submissions.
- Highlights: Cirque du Soleil acrobat, National Geographic chef, McSweeney's

Qualifications

Hyper Island 2017
M.A. Digital Experience Design

University of Texas 2016
Lin 353C Computational Linguistics Course

Dev Bootcamp 2015
Web Development with JavaScript, HTML, CSS, Ruby

Oregon State University 2010
B.A. English Literature

Honors

Thoughtworks Art-A-Hack Resident

2018

Selected participant in summer programme to develop and present a technical innovation to the NYC Thoughtworks community (Technology used: sentiment analysis, python, Arduino, Muse Headset)

MIT Media Lab Hacker

2018

Selected participant in Hacking Arts competition, to program an Arduino using facial recognition and breath as input (Technology used: Arduino, Processing, MaxMSP)

Barclay's Rise Up Speaker

2017

Delivered sold-out talk on my experience as a programmer for Barclay's Inspirational Women event.

Manchester City Football Hackathon

2017

Accepted to prestigious hackathon where I worked as a UX researcher and programmer to develop an app for increasing international fan engagement.

Austin Diversity Hackathon

2017

Worked as a programmer during the Austin Diversity Hackathon, sponsored by Women Who Code to create apps in support of minority groups.

XOXO Scholarship Recipient

2016

Applied to XOXO Festival, an experimental festival celebrating independent artists who work on the internet. Received a full scholarship to participate in the world-renowned conference.

Mentor/Facilitator

2016

Mentored and facilitated workshops for Women Who Code and UT's "Introduce A Girl To Engineering" Day.

AndYet Scholarship Recipient

2016

Received a full scholarship to &Yet Conference after submitting an application essay. &Yet is a conference focusing on the intersection of technology with humanity, meaning, and ethics, focusing on frontend development.

Media

Sony

2017

Interview featured on Sony blog discussing my software engineering background and my experience studying at Hyper Island.

BBC Live

2017

Featured on the BBC Live website in tandem with the Manchester International Festival for my creative coding project using natural language processing.