

Joshua Raichur

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I'm passionate about using technology to change the way we live. My experience lies in writing software and designing digital experiences.

Education

University of Texas at Austin

Intended BS Computer Science '19 • 3.80

Independent Coursework

Supervised Learning (ud675)

Intro to Machine Learning (ud120)

Data Visualization and D3.js (ud507)

JavaScript Design Patterns (ud989)

Intro to Data Science (ud359)

Skills

programming languages

JavaScript + Node.js

Python

Swift

Ruby

Processing

SQL

Bash

HTML5 / LaTeX

CSS + SCSS

PHP

frameworks + software

Rails, Express, MongoDB, Jupyter, Pandas, D3,

Git, jQuery, Backbone, Jekyll, React, AngularJS,

Wordpress, AWS (S3, EC2), Adobe CC (PS, AI, LR)

interests

Machine Learning, Artificial Intelligence, Data

Science, HCI, OSS, Lifelogging

Experience

FUNimation Entertainment

Dallas, TX • Summer 2016

Software Engineering Internship

I contributed primarily to the core Python application that powered user accounts. Most notably, this involved the development of the recommendation engine for the video streaming platform and two NodeBB plugins for internal use.

Independent Web Development

2011 – 2016

I have a history of independent web development, along with web and graphic design through which I've developed a strong portfolio of work for a variety of clients, including college campus groups, consulting firms, and local startups.

Research

Privasera

Austin, TX • September 2016 – Present

Undergraduate Research Assistant

I have been working on building Blox, a developer-oriented framework for Privacy as a Service alongside PhD student Casen Hunger in Professor Mohit Tiwari's Spark Research Lab at The University of Texas at Austin. I work on the MEAN stack app as well as the Flask backend.

Projects

Sentiment

Waterloo, ON • September 2016

Hack The North, University of Waterloo

Developed a Google Chrome extension that uses a machine learning sentiment analysis algorithm to analyse comments on the web.

Neo

Bangalore, India • July 2015

Wipro Code The Future Hackathon

Developed and designed a web virtual assistant that uses NLP to answer questions using various APIs including Google's Speech-To-Text API, Wolfram Alpha, Google Maps, etc.

Jupiter

Bangalore, India • July 2015

3rd Place, HackIndia, India's Premier Student Run Hackathon

Developed a command line tool that acts as a bridge between Objective-C and JavaScript to inject code into iOS apps.

Arta

Bangalore, India • May 2015

Developed a virtual classroom web application build using WebRTC, Node.js, and AngularJS.

A comprehensive portfolio of my work is available at joshuaraichur.com/code