

JAKE PEACOCK

ENGINEER & DESIGNER

EDUCATION

BS IN COMPUTER SCIENCE

Rice University - Houston, TX

GPA: 3.36 Aug 2014- May 2018

Venture for America Fellow - 2018

EXPERTISE

Java, Python, C, Node.js, Bash

Elasticsearch, GCP, AWS, Azure

Javascript, React, SaSS, Figma

SKILLS

SOFTWARE DEVELOPMENT

SYSTEM & API DESIGN

UX DESIGN/DEVELOPMENT

DATA VISUALIZATION

OBJECT ORIENTED DESIGN

AGILE & TEST DRIVEN
DEVELOPMENT

HUMAN CENTERED DESIGN

PROFILE

Jake is a creative thinker, relentless problem solver, designer & engineer. An avid experiential learner, he enjoys undertaking multiple responsibilities. From organizing DFA studios at Rice University to sea kayaking in South America to developing software in Palo Alto, he seeks out challenges that will push the limit of what he knows. Perseverant in his efforts, he will satisfy his curiosity just one way. By doing.

CONTACT

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EXPERIENCE

GENOMONCOLOGY | FROM AUG 2018 - MAY 2020

Software Engineer & Product Manager

Designed, implemented & managed configurable ETL product for EHR integrations
Created performance testing & monitoring suite to optimize API performance
Improved automated uploads and implemented robust error handling processes
Mentored junior developers & shared knowledge through product documentation

NEOSENSORY | FROM MAY 2017 - AUG 2017

Software & Firmware Developer

Formed and revised UX features based on alpha user feedback
Enhanced algorithms & design of proprietary sound to touch system
Assembled an OTA system for device firmware updates over BLE
Engineered data visualizations of user interaction & device processes logs

NEUROLEX DIAGNOSTICS | FROM APR 2017 - SEP 2017

Software Developer

Created a tool to facilitate exploring and analyzing features of speech samples
Introduced a Node.js service for indexing & searching data in Elasticsearch
Configured Kibana visualizations in order to discover trends in linguistic features

HOMEAWAY | FROM JUN 2016 - AUG 2016

Software Engineer

Developed Views 2.0 - the Core-API team's object projection engine
Built, tested and implemented a more efficient process for updating live objects
Designed the engine for easy and independent scaling and communication

LEADERSHIP

DESIGN FOR AMERICA | SEP 2014 - PRESENT

Studio Lead, Team Lead & Designer

Attended National Leadership Studio 2015-2018
Planned curriculum, mentored design teams & established initiatives for improvement
Guided & mentored studio's teams through the DFA human-centered design process
Directed an interdisciplinary team in designing for food security, featured at EDIT 2017

RICE COMPUTER SCIENCE CLUB | FROM AUG 2015 - MAY 2016

External Vice President

Liaised with 15 corporate sponsors for Hack Rice 2016
Hosted company visits and speaker events during academic year
Organized and executed a Startup Pitch Event for Max Levchin in Spring 2016

PROJECTS

[Playmaker](#) - Shared Music Listening - Creator & Manager

[Good Apple Foods](#) - Austin Produce Delivery - Frontend Developer

Lava Podcasts - Social Podcasting - Architect & Developer