## Josh Terrell

josh@joshterrell.com

Software engineer experienced in scaling, parallel computing, APIs, databases, and quality assurance.

## Work Experience

Senior Development Engineer — Target (Contractor for York Solutions LLC) kotlin, groovy, kafka, postgres, micronaut	Remote (USA) 2022–present
Develop features and bufixes. Assist and unblock teammates when stuck	
Teach teammates about technologies and design while implementing new api	
Coordinate communication between teams and leaders during incidents and epi	ic development
<b>Co-Founder — Thrive, Dear LLC</b> kotlin, javascript, react, kafka, postgres, html, css	<b>Atlanta, GA</b> 2018–2021
Invent novel dating app with validated niche interest and feedback from several	volunteer testers
Design and implement event-sourced framework for react app; create prototype	and operate test run
Senior Interviewer — Karat java, javascript, python	<b>Remote (USA)</b> 2018–2019
Interview, evaluate, and provide feedback for software engineers. Quality contro	l interviews
Software Development Engineer II — Amazon java, dynamo-db, s3, ec2, git, and many propriatary tools	San Luis Obispo, CA 2016–2018
Design, document, build, test, improve, debug, and operate highly-scaled backe	end services
Mentor junior developers. Interview software engineer candidates	
Provide feedback on software designs. Code-review pull requests. Coordinate c	ross-org changes
Data Scientist — SentiMetrix tensorflow, python, sklearn, scipy, bash, R, ggplot	<b>Remote (USA)</b> 2015–2016
Place 1 <sup>st</sup> in 2016 Harvard N-GRID classification challenge; paper: joshterrell.com	m/NGRID_JBI.pdf
Train ensembles of classifiers. Build async pipeline to extract emotion features f	rom audio.
Research Intern — Developer Liberation Front nodejs, mysql, java, webdriver, R, ggplot, git	NCSU, NC Summer 2015
Research gender bias in github pull requests. Co-author research paper: <u>peerj.c</u>	<u>com/articles/cs-111</u>
Scrape and cleanse terrabytes of data. Design sql db and complex queries. Gra	ph and analyze data
Quality Assurance Engineer — iFixit mysql, php, javascript, webdriver, nodejs, html, css, git	San Luis Obispo, CA 2013–2014
Design, build, and test github.com/iFixit/Pulldasher—a tool that helps teams ma	nage pull requests
Develop new features and patches. Cover codebase with automated unit and from	ont-end tests
Education	

B.S., Software Engineering — California Polytechnic State University San Luis Obispo, CA

A.A., Computer Science — Allan Hancock College

Santa Maria, CA 2013

2017