EMILY KEATOR
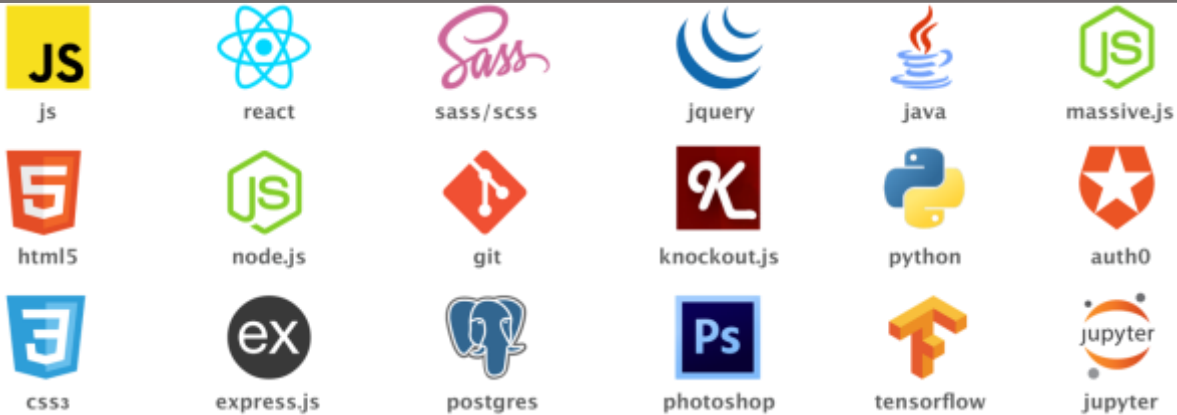
(904)-248-8155 | emkeator@gmail.com | /in/emkeator | github.com/emkeator | emkeator/personal-portfolio

SKILLS

js	react	sass/scss	jquery	java	massive.js
html5	node.js	git	knockout.js	python	auth0
css3	express.js	postgres	photoshop	tensorflow	jupyter

PROJECTS

Ballet Salt Lake City – Personally Developed Web App – WINNER, Best Overall Personal Project   SEPT 2017
React / Node.js / Express.js / PostgresSQL / GSAP / Stripe API / jQuery / Sass / Photoshop – Video Tour
Designed & developed a full-stack web app for a (fake) ballet company; won "Best Overall" in DevMountain Cohort 26.
- Used React to create components viewed through different browser routes, animated with GSAP & fully responsive with Sass
- Integrated axios calls to backend server to load and update data from PostgresSQL database, including ticket data
- Custom-designed scss and GSAP for a 3D-interactive view of theatre seats so that user can select & purchase tickets with Stripe

Lonely Mountain Winery – Personally Developed Web App   AUG 2017
React / jQuery / Sass / Google Maps API / Photoshop – Video Tour
Created a site for a (fake) winery for Front-End Personal Project as a student at DevMountain.
- Used React to create interactive components available with different browser routes & JS functionality for purchases
- Designed fully-responsive views using scss, hand-drawn items, and photoshop, including opening animation
- Utilized the Google Maps API and integrated into one of the React components

Utah National Park Hopping – Personally Developed Web App (Udacity Project)   JULY 2017
JS / HTML5 / CSS3 / Google Maps API / Knockout.js – Video Tour
Developed a fully-responsive, single-page web app that allows the user to search for national parks in & around UT.
- Integrated Google Maps API in order to search for parks within a given distance (uses Google API's distance matrix)
- Coded HTML5 and JS to link UI items as Knockout.js observables that change in real-time as user interacts.

EXPERIENCE & EDUCATION

DevMountain – Provo, UT   CURRENT
DevMountain Student Developer – Emphasis on Full-Stack Development with React, Sass, Node, Express, Massive, SQL
Developed web apps regularly, while improving skills with in-class demos and projects. Won "Best Overall" Personal Project in cohort.

National Institutes of Health (NIMH) – Bethesda, MD   JUNE 2016 - JUNE 2017
Post-baccalaureate IRTA Fellow
Received prestigious post-bac Intramural Training Research Award, for work in genetic/genomic engineering in the neuroscience lab of Dr. Lee Eiden. Produced and analyzed data, presenting at two NIH conferences.

Udacity (Front-End Nanodegree, Deep Learning Foundations Certificate) – Online   NOV 2016 – JULY 2017
Student Developer/Programmer – Emphasis on Front-End Development & Neural Networks with TensorFlow, respectively
Earned nanodegree in Front-End Web Dev & certificate in Deep Learning Foundations through online coursework with regular projects.

Davidson College – Davidson, NC   AUG 2012 – MAY 2016
Student – B.S. in Biology, GPA 3.96 (Major GPA 3.98), successful tutor in Center for Teaching & Learning
Awarded John I. Smith Honor Scholarship and National Merit Scholarship; received Alumni Association Award for highest freshman GPA.
Relevant coursework includes: Data Structures (Java, Algorithms & Object-Oriented Programming), Bioinformatics (Python), Statistics.