Joseph S. **Burger**

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LINKEDIN • **GITHUB** • **PORTFOLIO**

SKILLS

React, Redux, JavaScript, Ruby on Rails, HTML5, CSS3, SQL, Git, NodeJS
Bash, Linux, C, C++, Java, PHP, Perl, AutoIT, Assembly, jQuery, Express

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PROJECTS

Write it Up (Rails, ReactJS, Redux) | *Sole Developer*   live | github
A responsive blogging website inspired by Medium.
● Quick single page app powered by React components injected with Redux global state store
● Relational database associations like comments, follows and likes simplified with Ruby on Rails'
  ORM, served as JSON through a RESTful API

EZ Paint (Javascript, HTML5, Canvas) | *Sole Developer*   live | github
A canvas-based painting site made in vanilla JavaScript.
● Uses JavaScript's touch API allowing users to draw both on desktop and on touch devices
● Adapts to phone, tablet and desktop screens using responsive CSS3 @media queries

LoKey (NodeJS, Express, ReactJS, Redux) | *Back-End Developer*   github
An activity-first social networking app utilizing the Google Maps API.
● Harnessed PostgreSQL through KnexJS to provide a RESTful API with Express routing and
  PassportJS middleware, allowing authenticated users to place events on a public map

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EDUCATION

Computer Science - *De Anza College, 2013 - 2015*
BA Philosophy - *University of California, Santa Barbara, 2011*

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EXPERIENCE

Programming Instructor at App Academy, San Francisco CA   *May 2016 - December 2016*
● Taught monthly introductory Javascript classes to 15+ beginner software engineers
● Lectured, facilitated pair-programming, and reviewed all code submissions for bugs
● Designed parts of the Javascript, HTML, and CSS curriculum designed to teach students with 0
  programming experience in less than a month

Course Manager at App Academy, San Francisco CA   *June 2016 - January 2017*
● Conducted 100+ technical interviews with potential future instructors

Tutor at Coder Dojo, Saratoga CA   *April 2016 - August 2016*
● Taught children how to program with JavaScript, Python and Java
● Delivered an interactive lecture teaching 40+ kids how to make websites with HTML and CSS

Teaching Assistant at De Anza College, Cupertino CA   *September 2013 - June 2015*
● Volunteered to tutor computer science students and saved several from failing
● Lectured about programming under supervision of department chairwoman