JESS ELLISON

SOFTWARE ENGINEER

SUMMARY

Driven and innovative Software Engineer. I want to make a difference in the the world by applying my software development skills towards creating amazing products that improve people's lives.

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SKILLS

Ruby on Rails
JavaScript
AJAX
jQuery
RSpec
CSS3
HTML5
Sinatra
ActiveRecord
Git
Pair-Programming
postgreSQL
SQLite
Swift
Ruby
SQLite3
Jasmine
GitHub
AWS
Kubernetes
Elasticsearch

EDUCATION

Dev Bootcamp
Full-Stack Web Development 2017

San Francisco State University
Pre-Nursing Certificate 2014

Lesley University
BA Holistic Psychology 2012
Concentration in Counseling, Minor in Expressive Arts Therapy

EMPLOYMENT

Fandor San Francisco, CA
Software Engineer 2017 to Current
- Design the Ruby on Rails REST API that powers client-facing services and front-end features
- Collaborate with Engineering, Data and Product teams to determine service-oriented architecture
- Support migration from a monolithic tech stack to a microservice architecture
- Create tools for admins to publish content more efficiently and reduce site outage by 86%
- Implement Elasticsearch for related content
- Contribute clean and organized documentation of API
- Perform quality assurance and code reviews for six applications in development, staging and production environments

Zuckerberg San Francisco General Hospital San Francisco, CA
Pediatrics' Briger Fellow 2014 to 2014
- Created and implemented an institutionalized model for Family-Centered Rounds between doctors and patients, which improved communication among the healthcare team allowing patients to get the best possible treatment
- Constructed a standardized protocol for asthma education that ensured patients were knowledgable about their treatment
- Improved service delivery and operational excellence with an increase in overall patient satisfaction

McLean Hospital Lincoln, MA
Community Residence Counselor 2012 to 2013
- Provided direct patient care through group and individual counseling
- Organized and supervised community activities for patients to improve and maintain social skills
- Supported patients with direction and supervision as needed
- Observed medication adherence and took vital signs of patients
- Communicated patient information in chart notes, shift notes, and meetings

Department of Human Service Programs Cambridge, MA
Group Leader/Teacher 2004 to 2013
Group Leader
- Designed and taught afterschool classes to 20-30 children of the ages 5-12
- Co-lead senior citizen programming of 15-60 seniors over the age of 65
Teacher
- Designed and implemented summer enrichment curriculum focusing on math, science, reading, history, and the arts
- Acted as Inclusion Support Staff for children with disabilities such as cerebral palsy and autism

PROJECTS

SF Activity Connector
- A one page app to assist users in finding an activity to do in San Francisco based on the current weather
- Utilizes OpenWeatherMap API and Google Maps API
- Key technologies used were Rails, Bower, Materialize, Slim, Parallax

Open Source Faker Gem
- Contributed to the open source Faker gem for Ruby on GitHub
- Faker is a port of Perl's Data::Faker library that generates fake data
- Forked and cloned the repo and using test driven development created a class of Rick and Morty characters, locations, and quotes

Gamesta Paradise
"Because games were meant to be played with friends."
- Gamesta Paradise is a game tracker for users and their friends
- Designed schema for relational database, prepared wireframes, added board game information
- Key technologies used were Rails, Bootstrap, Rails Test Unit, CircleCI

Emote Me
- A mobile-iOS app and Ruby on Rails web app that allows a user to track their emotions and are provided resources to improve or maintain their mood
- Key technologies used were Swift, Rails, Javascript, HTML, CSS, Bootstrap, Materialize, Bower
- Utilizes the Google Cloud Vision API, the YouTube API, the Giphy API, the Twilio API and a Rails API

VOLUNTEERING

Code Tenderloin 2017 to Current
San Francisco, CA
Facilitate weekly office hour for students learning HTML, CSS, and JavaScript