



Kira MacLean

FRONT END WEB DEVELOPER

SUMMARY

I create functional apps that reflect modern design principles. Given my technical background and my creative bent, I'm looking for a position where I can help drive innovation with well designed development solutions.

CONTACT

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SKILLS

Javascript
Ruby
Rails
PostgreSQL
Node.js
Ember.js
JQuery
SQL
Express.js
MongoDB
Handlebars
Sass
JQuery
Git/Github

WEB DEVELOPMENT EXPERIENCE

GENERAL ASSEMBLY, WEB DEVELOPMENT IMMERSIVE

October 2016 - January 2017

Learned development languages and used version control and industry best practices to produce several full stack applications:

Nozama Boutique

- Collaborated with team to produce a web app for clothing purveyor, including payment authorization using Stripe.
- Users can view individual product info, add products to a cart, and then submit their order for processing.
- Utilized Express.js, Node.js, MongoDB and Mongoose to build out back end while front end was made with Bootstrap and LESS.

Cheese Plate Generator

- A web application that allows users to create unique cheese plates.
- Back end API was build using Ruby on Rails while front end was made using JavaScript, Handlebars, and Bootstrap.

Tic-Tac-Toe

- A front-end web application that allows users to play tic-tac-toe against another opponent.
- Users generate games, forfeit, and view game stats.

WORK EXPERIENCE

BERYLLIUM DISCOVERY, RESEARCH ASSOCIATE

January 2016 - July 2016

- Successfully developed and optimized novel biochemical assays for in-house/contracted proteins as biochemistry lead.
- Delivered regular presentations of results and works in progress to project leaders.

ASTRAZENECA, RESEARCH ASSOCIATE

January 2015 - July 2015

- Analyzed samples using quantitative LC-MS/MS assays across the AZ oncology drug portfolio.
- Troubleshooted various mass spectrometer and HPLC issues, especially in regard to Sciex Analyst software.

HARVARD NEURODISCOVERY CENTER, RESEARCH ASSISTANT

January 2014 - July 2014

- Performed high-content image-based immunofluorescence screens of glioblastoma stem cells.
- Identified and validated hits using IDBS ActivityBase software.

EDUCATION

NORTHEASTERN UNIVERSITY

September 2012 - December 2015

B.S. in pre-medical Biochemistry. Graduated summa cum laude.