



Kira MacLean

www.kiramaclean.com

SUMMARY

Hi, I'm Kira, and I create highly functional, streamlined apps that reflect modern design principles.

CONTACT

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SKILLS

Javascript
Ruby
Rails
PostgreSQL
Node.js
Ember.js
jQuery
SQL
Express.js
MongoDB
Handlebars
Sass
jQuery
HTML5
CSS3
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: Collaborated with team members to produce a web app for a hypothetical clothing purveyor, including payment authorization utilizing Stripe. Users can view individual product info, add products to a cart, and then submit their order for processing. Asynchronous functionality was implemented with JavaScript Promises.

Cheese Plate Generator: A web application that allows users to create and save unique cheese plates. Users can create one or more plates, and can then select cheeses from a library of cheeses. Future development plans include incorporating a quiz to assess user flavor preferences and functionality to generate representative cheese plates for a given flavor profile.

Tic-tac-toe: A front-end web application that allows users to play tic-tac-toe against another opponent. Users generate one game at a time, can 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.