



KIRA MACLEAN

—

WEB DEVELOPER

CONTACT

kiraamaa@gmail.com
857-277-2977

Portfolio

kiramaclean.com
github.com/kiraamaa

EDUCATION

2012 - 2016

B.S. in Biochemistry
Northeastern University

Pre-medical concentration.
Graduated summa cum laude.

SKILLS

HTML5/CSS3
JavaScript
Ruby
Rails
SASS
Bootstrap
Ember.js
Handlebars.js
jQuery
Node.js
PostgreSQL
Git/Github

SUMMARY

I'm a front end web developer, scientist, and believer in highly functional, intuitive web apps. I'm intrigued by the concept of pushing the boundaries of efficient and practical code, and have often been complimented on my ability to find solutions quickly and independently. I have a knack for visualization, organization, and a deep understanding of the production process, and I'm looking for a position where I can help drive innovation with well-designed development solutions.

WEB DEVELOPMENT EXPERIENCE

2016 - 2017 **General Assembly**
Web Development Immersive

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

Brooklyn ArtWalk

- Built an app that uses Google Maps API to plot walks that showcase local art galleries and museums.
- Used Ember.js and Bootstrap to build front end while back end was made with Ruby on Rails.

Nozama E-Commerce

- Collaborated with team to produce a web app for clothing purveyor, including payment authorization using Stripe.
- Utilized JavaScript, Bootstrap, and LESS to build out front end while back end API was made with Express.js, Node.js, and MongoDB.

Cheese Plate Generator

- Created a web app that builds cheese plates.
- Back end API was build using Ruby on Rails while front end used JavaScript, Handlebars, and Bootstrap.

WORK EXPERIENCE

2016 **Beryllium Discovery**
Research Associate

Developed and optimized novel biochemical assays to analyze proteins as biochemistry lead.

2015 **AstraZeneca**
Research Assistant

Analyzed samples using quantitative LC-MS/MS assays across the AZ oncology drug portfolio.

2014 **Harvard NeuroDiscovery Center**
Research Assistant

Performed high-content image-based immunofluorescence screens of glioblastoma stem cells.



**KIRA
MACLEAN**

—
WEB DEVELOPER

CONTACT

kiraamaa@gmail.com
857-277-2977

Portfolio

kiramaclean.com
github.com/kiraamaa

APPLICATION FOR A POSITION

Dear Hiring Manager

My name is Kira MacLean and I am excited about [Company's Name] posting for a motivated, detailed-oriented, [Position Name]. I am particularly interested to work for a company that prioritizes communication, cross-departmental collaboration, and the creation of innovative products that fit the customer's needs. With hands-on experience efficiently coding websites and applications using modern programming languages and the MVC web development framework, I am confident I will be an excellent addition to your team.

I've always been drawn to creating things in a highly technical way, be it photographs, biological experiments, or web apps. I was finally able to build the latter during my tenure at General Assembly's Web Development Immersive course. I became familiar with writing HTML5, CSS3, and JavaScript for displays in modern browsers with responsive design practices and experienced firsthand the difficulties of optimizing and debugging web applications. I'm a strong proponent of novel, intuitive web and mobile applications, and I'm enthusiastic about furthering my education and programming capabilities to produce efficient and practical code.

I believe my ability to communicate with diverse team members and articulate my goals and insights to my superiors also makes me a valuable asset to [Company Name]. I have attached my resume and hope to speak with you about it in greater detail. Thank you for your time and your consideration, and I look forward to hearing from you soon.

Sincerely,

Kira MacLean