

SKILLS AND TECHNOLOGIES

Fluent

JavaScript MongoDB
 Java Express
 Node.js HTML, ERB
 AngularJS CSS

Proficient

C SQLite
 C++ D3.js
 Scheme UNIX/Linux
 Git OS X/Windows

Working Knowledge

Python MeteorJS
 Ruby PostgreSQL
 Sinatra MySQL
 Rails Redis

PROJECTS

Strata

- Developed a white-board system to provide annotation and markup capabilities to existing web apps
- Explored the use of multitouch and gesture driven interfaces for large touchscreen displays
- Redesigned various JavaScript projects such as ContextJS to support multi-touch capabilities

BBCode Extension for NodeBB

- Contributed to an open source project by adding BBCode integration to a forum composer
- Redeveloped the extension for later NodeBB version and integration with WYSIWYG redactor composer

EXMNA Screening Application — Random Hacks for Kindness Hackathon (June 2015)

- Engineered a front-end for a Rails web application from mockups using ERB, JavaScript, jQuery, and Rails
- Accessed data from a PostgreSQL database through a RESTful API
- Link to the project: github.com/miranmirza/screening-webapp

EXPERIENCE

Irdeto

Junior Web UI Developer

Jan 2016 – Present

Ottawa, ON, Canada

- Developed reusable web components using AngularJS directives from static mock ups provided
- Crafted the UI/UX for an online portal using AngularJS, JavaScript, CSS, and HTML
- Engineered a RESTful API using the MEAN stack to aggregate data into a central portal

Carleton University

Teaching Assistant

Sep 2015 – Apr 2016

Ottawa, ON, Canada

Carleton University

Research Support Software Developer

May 2015 – Aug 2015

Ottawa, ON, Canada

- Co-authored and published a paper in the [ACM Digital Library \(part of PROMOTO 2015\)](#)
- Presented relating to the paper talk at PROMOTO 2015 as part of the workshop
- Developed various prototypes using JavaScript, CSS, HTML, and D3 front-end framework
- Re-wrote code base to support multi-touch input and gestures using JavaScript and Interact.js

TEDxYouth@Amman

Speaker

Nov 2011

Amman, Jordan

- Presented a [TED talk](#) on the role of technology in the classroom
- Demonstrated a demo of how QR codes can add interactivity to school publications and assignments

EDUCATION

Carleton University

Honours BCS Computer Science - Greek and Roman Studies Minor

Sept 2012 – Apr 2016

Ottawa, ON, Canada