MIRAN MIRZA

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SKILLS AND TECHNOLOGIES

Fluent		Proficient		Working Knowledge	
JavaScript	MongoDB	C	SQLite	Ruby	MeteorJS
Git	Express	C++	D3.js	Sinatra	PostgreSQL
Node.js	HTML, CSS	Scheme	Java	Rails	MySQL
AngularJS	CSS	Python	JavaScript ES6	Redis	SASS

PROJECTS

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

EXMNA Screening Application — Random Hacks for Kindness Hackathon (June 2015)
o Engineered a front-end for a Rails web application from mockups using ERB, JavaScript, jQuery, and Rails
o Accessed data from a PostgreSQL database through a RESTful API
o Link to the project: github.com/miranmirza/screening-webapp

EXPERIENCE

Espial   Nov 2016 – Oct 2017
Software Developer   Ottawa, ON, Canada
o   Developed various front-end and middleware components in JavaScript
o   Worked on converting mockups into functioning products
o   Used Amazon AWS and Alexa APIs to develop an Alexa Skill in JavaScript ES6 and NodeJS
o   Participated in scrum sessions: stand-ups, planning and backlog refinement

Irdeto   Jan 2016 – Aug 2016
Junior Web UI Developer   Ottawa, ON, Canada
o   Developed reusable web components using AngularJS directives from static mock ups provided
o   Crafted the UI/UX for an online portal using AngularJS, JavaScript, CSS, and HTML
o   Engineered a RESTful API using the MEAN stack to aggregate data into a central portal

Carleton University   Sep 2015 – Apr 2016
Teaching Assistant   Ottawa, ON, Canada

Carleton University   May 2015 – Aug 2015
Research Support Software Developer   Ottawa, ON, Canada
o   Co-authored and published a paper in the ACM Digital Library (part of PROMOTO 2015)
o   Presented relating to the paper talk at PROMOTO 2015 as part of the workshop
o   Developed various prototypes using JavaScript, CSS, HTML, and D3 front-end framework
o   Re-wrote code base to support multi-touch input and gestures using JavaScript and Interact.js

TEDxYouth@Amman   Nov 2011
Speaker   Amman, Jordan
o   Presented a TED talk on the role of technology in the classroom
o   Demonstrated a demo of how QR codes can add interactivity to school publications and assignments

EDUCATION

Carleton University   Sep 2012 – Apr 2016
Honours BCS Computer Science - Greek and Roman Studies Minor   Ottawa, ON, Canada