Eric Bolboa

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SKILLS

LANGUAGES
- Python
- Javascript
- HTML5
- CSS3
- Java

FRAMEWORKS/LIBRARIES
- React
- Redux
- TensorFlow
- NodeJS
- MongoDB
- Jupyter
- MySQL

SOFTWARE
- Git
- Jira/Confluence

METHODS
- Version Control
- UI/UX Design
- Accessibility
- Responsiveness
- OOP

EDUCATION

QUEEN'S UNIVERSITY
Bachelors of Computing (Hons.)
Graduated May 2018 | Kingston, ON

FLUENT SPOKEN LANGUAGES

English • French • Romanian

EXPERIENCE

UPAKNEE | Full-Stack Intern
May 2016 – May 2017 | Toronto, ON

- Led the development of a real-time form tracker using Angular.js and implemented a filtering system to keep track of all subscribe forms hosted by Upaknee.
- Led the development and design of the CBC newsletter subscription front-end.

Angular.js | Javascript(ES6) | MySQL | HTML5 | CSS | PHP

VERAFIN | Software Developer (Analytics team)
November 2018 – present | Toronto, ON

- Worked on the Politically Exposed Persons Watch-list segmentation agent. I was tasked with moving the analyzer to a scalable framework as it took over a week for the analyzer to run on some of Verafin's largest customers. I was able to bring the run-time down to under 4 hours.
- Worked on the Non-Resident Alien Segmentation Agent. Led customer calls and discovered a need for a new Agent because the majority of customers at an institution being flagged as foreign individuals were resident aliens and not very risky. I helped develop the Non-Resident Alien Segmentation Agent and created an interactive timeline to visualize how much time a user spent outside of the US.
- Developed the Robotic Agent plugin. This plugin is intended to automate the alert flagging process so that customers do not have to execute the process manually. The plugin auto-flags alerts based on certain user-defined criteria.

Java | Javascript | Python | AWS | Postgres SQL

PERSONAL

ADVERSARIAL IMAGES (MACHINE LEARNING)
github.com/Bolboa/Adversarial-Images-Part-1
Breaking Linear Classifiers such as Logistic Regression and Convoluted Neural Networks. The MNIST dataset is used. The idea is to alter the image by just the right amount so that it looks the same but tricks the classifer into predicting something totally different.

Tensorflow | Python

EUMAG
private repository
Mobile app that allows users to create a playlist and give others access to it. Guests can add to the queue of songs. The order of the songs are determined through a voting system.

Flutter | Node.js (Hapi) | MongoDB | Socket.io