

Brandon Hiles

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Summary of Qualifications

Website: <http://www.brandonhiles.com/>

Languages: Python (2&3), Javascript (ES5&ES6&ES8), Node.js, PHP, HTML, CSS (Sass)

Web Frameworks: React (with Redux), React Native, Angular, Vue.js, Flask, Express

Web Expertise: Git, SQL, NOSQL, AWS, Microservices (HTTP(s), Message Queues), Docker, GraphQL

Soft Skills: Team player, strong communication skills, scrum, agile

Education

University of Waterloo

June 2019

Bachelor of Science with Honors Physics and Astronomy

Professional Employment

Test Automation Developer – Carbonite (Co-op) Oakville, ON **September – December 2016**

- Designed and built a new automation framework for UI testing using Java with a team of 8 engineers
- Migrated 70 automated UI test cases from old automation framework to new framework
- Ensured deadlines were met through effective collaboration in team meetings

Functional QA Engineer – Symantec (Co-op) Waterloo, ON **January – April 2016**

- Increased overall UI testing efficiency through development of Java UI automation tests using Selenium
- Improved overall UI quality through effective team discussions about feature improvements
- Ensured overall customer satisfaction by resolving customer related issues to specific bugs

Cybersecurity Analyst – Canadian Tire (Co-op) Winnipeg, MB **September – December 2015**

- Wrote Python scripts to build statistical reports to assess potential security threats
- Operated Kali linux to test and assess the severity of potential malicious code
- Utilized ticketing and triage system to access and address serious cybersecurity events

Projects

Chexpiry

May 2019 - Present

Source Code: <https://github.com/brandon-hiles/chexpiry>

- Chexpiry is a web-based application that looks to minimize food wastage through computer vision
- UI is react/redux solution, Backend is a Flask server, AI uses python and tensorflow, AWS tools

Stack: React/Redux, Flask, MYSQL, AWS S3

Erika

December 2018 - Present

Source Code: <https://github.com/brandon-hiles/Erika>

- Email AI news assistant that provides news update based on user-supplied query strings.
- UI is Angular/Flask solution, stores text data in MongoDB, utilizes NLP

Stack: Angular7, Flask, Python, MYSQL, MongoDB, Redis