

# Brandon Hiles

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## Summary of Qualifications

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**Languages:** Java, Python, C#, C++, Ruby, PHP, Javascript, HTML, CSS

**Web Frameworks:** Angular, React, Bootstrap, Flask, Django, Ruby

**Web Expertise:** SQL, NOSQL, Azure, AWS, Microservices, REST, Git, Docker

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

## Education

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**University of Waterloo**

**December 2018**

Bachelor of Science with Honors Physics and Astronomy

## Professional Employment

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**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
- Tested UI features on multiple virtual servers to assure a high quality standard for UI was achieved
- 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

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**Erika**

**December 2018 - Present**

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

- AI assistant that utilizes public economic information to make smart decisions about investments
- UI is Angular/Flask solution, stores text data in MongoDB, utilizes NLP

Stack: Angular7, Flask, Python, MYSQL, MongoDB

**Chexpiry (UofT Hacks VI)**

**January 2019**

Devpost Link: <https://devpost.com/software/project-tls53q>

- Chexpiry is a web-based application that looks to minimize food wastage through computer vision
- Designed the architecture of the application and developed backend using Python with flask

Stack: BootStrap, Flask, Google Vision API