

Andrew Hocking

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Profile

Detail-oriented, 3rd-year Computer Science student at York University with excellent understanding of the core principles and best practices of object-oriented programming, as well as strong writing and interpersonal skills. Enjoys collaborating with and learning from peers, as well as being challenged by solving difficult problems individually and trying new things.

Work Experience

Automation Test Developer Co-op

2020 – 2021

 PokerStars • The Stars Group

This contract was extended from 8 months to 12 months due to my strong performance. In this role I was responsible for:

- Developing and maintaining automation tests on iOS and Android devices
- Debugging and investigating software failures
- Gathering testing requirements from QA analysts and software developers
- Working closely with QA analysts, software developers, and team members
- Attending daily stand-up meetings and communicating all issues, status, and progress
- Performing multiple tasks at the same time

Service Manager (Keyholder)

2017 – 2020

 Chipotle Mexican Grill

Initially hired as a crew member, I was promoted after 1 year, and again after 8 months. In this role I was responsible for:

- Leading the team
- Guest complaint de-escalation and problem resolution
- Explaining things to new guests
- Ensuring strict food quality, guest hospitality, and cleanliness standards were upheld
- Making quick decisions
- Training new hires
- Taking ownership of the restaurant
- Conducting inventory
- Handling large amounts of cash
- Assisting the team in all positions within the restaurant (cashier, line service, kitchen, cleaning)

Skills

Languages

- Java (5 years)
- HTML, CSS (3 years)
- Swift* (4 years)
- JavaScript (3 years)
- C, C++ (3 years)
- Python* (1 year)

* = self-taught

Industry Tools

- Jenkins, CircleCI
- Jira
- Confluence
- Git (GitHub, Bitbucket)
- Eclipse, IntelliJ IDEA
- Xcode, Android Studio
- Unix Terminal (bash, zsh)
- Cucumber, Gherkin
- SeeTest, Xray, JUnit, TestFX
- Google Cloud
- Flask
- Jupyter Notebooks

Soft Skills

- Leadership
- Quick learning
- Teamwork
- Communication
- Active listening
- Adaptability
- Problem-solving
- Patience
- Professional Writing

Education

Hon. BSc in Computer Science, Software Development Specialization

Expected Graduation 2022

Lassonde School of Engineering, York University • 3.9 out of 4.0 GPA

Technical Experience

QHacks Hackathon

February 2020

CarSurance – React Native mobile app that uses machine learning to predict insurance rates

- Part of a team of 4 developers who had never worked together before
- Responsible for back-end: wrote a Flask app in Python hosted on Google Cloud which used a TensorFlow model created by another teammate; received a JSON via a POST request from a client, computed in the cloud, and returned a different JSON with the results

Software Development Capstone Group Project

Winter 2020

Simulation of client-developer workflow over the length of one semester

- Working in groups of 4, developing a Java desktop app that meets the client's needs
- Creating documentation for requirements and testing
- Creating a user manual that simply describes how the app works for the client's benefit
- Weekly check-ins with client to ensure work is on the right track
- Using GitHub for version control, JUnit and TestFX for unit testing, and CircleCI for continuous integration

Lab Work

Since 2017

Approximately 40 to 60 hours per semester

- Command line programs in Java, C, and RISC-V Assembly
- Desktop, Web, and Android apps and applets in Java (JavaFX + Scene Builder, Swing, Android Studio)
- Simple websites using HTML, CSS, and JavaScript
- Virtual CPU design using Verilog

Independent / Extra-Curricular Projects

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| • <i>Hocking.tech</i> – Personal website built with HTML, CSS, and JavaScript | 2021 |
| • <i>Solitaire</i> – iPadOS/macOS Catalyst app built with Swift and SwiftUI | 2020 |
| • <i>Metrognome</i> – iOS gnome-themed metronome app built with Swift and SwiftUI | 2019 |
| • <i>TimeCount</i> – Desktop time-keeping app built with Java Swing | 2018 |

Awards and Accomplishments

Golden Key International Honour Society

Since 2019

For students in the top 10% in their program

Continuing Student Scholarship

2018, 2019

For continued academic excellence

Deans Honour Roll

Since 2017

York University

References

Available upon request