

Brandon Assing

Software Engineer, specializing in iOS development

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Professional Experience

Software Developer II

Konrad Group – Toronto, ON (Jul 2019 – May 2022)

- Released and maintained an e-commerce iOS app with over **284K** monthly active users for a Canadian household name brand
- Used UIKit and RxSwift to build the UI, and integrated both REST and GraphQL APIs
- Implemented product viewing and checkout flows which generated over **\$34M** in revenue within 2 years
- Developed key features such as: Apple Pay support and biometric authentication with token refreshing
- Added features requested in user reviews, earning an App Store rating of **4.7** at **44K** reviews and **#16** in Shopping

Software Developer – Internship

IBM: Spectrum Conductor – Markham, ON (May 2017 – Aug 2018)

- Built a management tool for integrating Anaconda packages into the project using AngularJS and a Java REST API
- Resolved potential security concerns generated from codebase vulnerability scan reports
- Debugged and resolved product defects while working closely with the QA team
- Created and implemented testing plans for various new product features

Projects

Western Recreation Center Statistics (Jan 2017 – May 2017)

- Used the Twitter API to parse Western University's Rec Center page for headcount data to generate graphs aiding students in finding ideal workout times
- Accumulated 3.4K users in the first week of deployment
- Built using the MEAN software stack

Skills

Mobile

- Swift: UIKit with RxSwift, SwiftUI with Combine
- MVVM, Dependency Injection, Repository Pattern
- Apollo for GraphQL, Firebase, Adobe Analytics

Web

- HTML, CSS and SCSS, Javascript, JQuery, React with Redux, AngularJS and Angular 2
- Node.js, Express.js, MongoDB

Programming Languages and Tools

- Java, C++, C#, Python, SQL using MySQL, VBA
- Git, Unity, Tensorflow with Keras, Excel, Linux: RHEL and Ubuntu

Education

Western University

BESc Software Engineering 2019

Academic Awards:

- Dean's Honour List (2015–2019)

Relevant courses:

- Database Management Systems
- Networking
- Information Security
- Data Analytics
- Artificial Intelligence
- Microprocessors
- Human-Computer Interface Design
- Technical Communications