Rebecca Ansems
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Education

Dalhousie University 2014 – December 2018
Bachelor of Computer Science minor in Mathematics || Halifax, Nova Scotia

Work Experience

Junior Programmer
Ubisoft Entertainment Inc. || Halifax, Nova Scotia
Intern: May – August 2016, January – December 2017
Rock Gods Tap Tour (iOS/Android – 2016) || Tom Clancy's ShadowBreak (iOS/Android – 2017)

- Created an easily expandable command line tool and API to interact with the games databases to allow the banning of players, adding/removing gold, etc. using C# reflection.
- Optimized game code for space and efficiency, specifically halving the amount of memory that specific save data required.
- Designed and executed security features like: client side memory obfuscation and encryption to prevent hacking, and various checksums to detect when hacking has occurred.
- Implemented various new features including: mobile notifications, analytics (over 100 different statistics), and various 3rd party SDKs (including: Google Play Saved Games, Flurry Analytics, and Ubiservices).

Projects

Brick Break Deluxe December 2016 – February 2017
C# - Unity || iOS & Android || Personal Project || > 3000 Downloads

- Utilized the iPhone's accelerometer to move a ball through a randomly generated brick course that included various power ups.

Productivity Tracker June – July 2016
C# - Xamarin || iOS & Android || Personal Project || > 3000 Downloads

- Sent notifications throughout a user-set time frame to remind users to submit information which was then stored into a SQLite database.

Series Finder August – October 2016
C# - Xamarin || iOS & Android || Personal Project || > 2000 Downloads

- Allowed users to scan the barcode of a novel and returns if that book is part of a series and where it falls in said series, along with descriptions and pictures of all books in said series.

Skills and Abilities

Technical skills

- Professional knowledge of Java and C#. Academic knowledge of SQL, C, R, and HTML/CSS.
- Professional experience using Git, Perforce, Unity, Jira, Jenkins, Xamarin and Visual Studio.

Non-Technical Skills

- Leadership, planning, and public speaking skills gained from Dalhousie's Women in Technology Society (WiTS) as president and Dalhousie's Computer Science Society as vice president internal.