

Jacob Dunahee

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Education

A.A.S Degree in IT- Mobile Application Development

Graduated May, 2014

Coursework completed/in progress includes:

- All general education classes
- CSCI 130, CSCI 152 (Windows Phone), CSCI 153 (Android), CSCI 151 (iOS), CSCI 252(Mobile Application Development), CSCI 269(Programming for Visually Impaired)
- Digital Media 110, Digital Media 120, Digital Media 150,
- Database Management
- Intro into Networking

Heartland Community College- Normal, IL

Technical Skills

- iOS, Android, Windows Mobile, Git, Adobe Photoshop, Adobe Illustrator, SQL Server
- Objective-C, Swift, Java, C#, VB.NET, SQL
- Experience in submitting apps to both the iOS App Store and Google Play store

Personal Applications

- **Moving Organizer** * iOS * <https://itunes.apple.com/us/app/moving-organizer/id1092334171?mt=8>
- **Sequence Showdown** * iOS * <https://itunes.apple.com/au/app/sequence-showdown/id979065530?mt=8>
- **Skate Dice +** * Android * <https://play.google.com/store/apps/details?id=yellow.bandana&hl=en>

Work Experience

iOS Software Engineer

*AmTrust Financial * Cleveland, OH * June 2014 - July 2015*

My responsibilities at AmTrust mainly consisted of writing and maintaining code for new and existing iOS applications. Not only did I work with Xcode, programming and designing applications, but I also worked on our back-end, writing API calls to work with our applications. I worked with a team of five mobile developers, and really enjoyed the team environment. I enjoyed teaching and sharing my ideas with the team, and also

learned an abundant amount from them while working at AmTrust.

My job responsibilities included, but were not limited to:

- Converting Objective-C code to Swift
- Debugging code in Xcode and Visual Studio
- Using Core Animation to give applications a clean and modern look and feel
- Using Core Data as an SQL database in iOS applications
- Writing basic Stored Procedures
- Writing API functions in C# and VB.NET
- Using Git to organize projects
- Adding Fabric to new and existing projects to monitor crashes and general application use
- Unit testing on the server and app side

Mobile Software Engineer

*Ambassador Referral Marketing * Royal Oak, MI * July 2015 - Current Employer*

Ambassador is still essentially in the startup phase, so I was the second mobile developer hired on the team. Although I was hired on as an iOS developer, I spent my first four months at the company building its Android SDK until we ended up hiring someone for the role. Since then, I have been working with iOS native development. I have rewritten the iOS SDK from the ground up and have also created an official Ambassador app that utilizes our SDK to give customers a hands-on experience of how our software works. I have learned a lot about working in an agile environment, reviewing code, and working on my attention to detail when it comes to quality code and user experience.

My job responsibilities include, but are not limited to:

- Writing and updating our iOS SDK and application
- Working with CoreData
- Writing UI Automated tests
- Writing unit tests and keeping code coverage above 75%
- Using Git, Slack, and Pivotal Tracker for communication and organization
- Giving our SDK and application a modern look that follow iOS guidelines
- Integrating our GitHub repo with CircleCI for continuous integration

References

- Manager at Amtrust Financial * **Joseph Capasso** * (216)-328-6021 * joseph.capasso@amtrustgroup.com
- Computer Technology Professor at HCC * **Todd Simeone** * (309)-268-8857 * todd.simeone@heartland.edu
- Computer Science Professor at HCC * **Johnny tenBroek** * (309)-268-8858 * Nicolaas.tenBroek@heartland.edu