

# JEFFRY BAUM

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## Education

Michigan State University, East Lansing, MI  
B.S. in Computer Science with a Game Design Specialization  
GPA: 3.25

Graduating December 19, 2015

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## Experience

LAM-IT Intern, Urban Science - Detroit, MI

Summer 2015

- Created SSIS packages that turned external data into internal data.
- Wrote a 5,000+ line script in SQL to seed initial data into a Microsoft SQL Server database.
- Found the source of UI bugs by searching through database tables.
- Worked in an agile-like environment with two week iterations.

IT Intern, Steelcase Inc. - Grand Rapids, MI

Summer 2014

- Developed a Windows Form in VB.NET to find errors in product specification guides.
- Created a PowerPoint Add-On using VBA to merge multiple PowerPoint files into one.
- Began a SharePoint site with automated emails to expedite the process of transporting parts.

Key Play - Cheer On!, Personal iOS App

December 2014 - Present

- Allows users to shake their iPhone to play sounds and flash between a team's primary colors.
- Users can choose between any team in a major sporting league or any major colleges.
- Written in Swift and uses the Core Motion, Core Data, AVFoundation, and iAd frameworks.
- Accepted into App Store on September 15, 2015.

Brand Loyalty, Senior Capstone Project

September 2015 - Present

- Created an Ionic application for tablets to visualize loyalty trends for the automotive industry.
- Designed and implemented the application's AngularJS UI and UX.
- Programmed the PHP back-end security and push notification systems.

SpartaNow, SpartaHack Project

March 27-29, 2015

- Created an iOS application in Swift to determine whether riding a bus is faster than walking to any location on MSU's campus.
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## Relevant Skills

Languages: C++, C#, Swift, Python, HTML/CSS, PHP, C, JavaScript, SQL, VB.NET, and SharePoint.

Frameworks: AngularJS, Ionic, Core Motion, Core Data, AVFoundation, and iAd.

Applications: Xcode, Visual Studio, Netbeans, and Unity 3D.

Operating Systems: Mac, Linux, and Windows.

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## Activities

Affiliations

- SpartaHack: MSU Hackathon
- ACM: Association of Computing Machinery
- Spartasoft: Video Game Developing Club

Other Interests

- Traveling to destinations such as Grand Canyon, Arizona and Cinque Terre, Italy.
- Playing and creating music.