

## JAMES M. BACH

## EDUCATION

FLORIDA STATE UNIVERSITY	Tallahassee, Florida	Dec 2017 Expected
<b>Master of Science in Computer Science,</b> Computer Science Undergraduate/Graduate GPA: 4.0 Presidents List 2014 - Present		
UNIVERSITY OF FLORIDA	Gainesville, Florida	May 2010
<b>Bachelor of Science in Resource Economics</b>		

## PROFESSIONAL EXPERIENCE

FLORIDA STATE UNIVERSITY	Tallahassee, Florida	August 2015 – Present
<b>Graduate Teaching Assistant</b>		
<ul style="list-style-type: none"> <li>Mentoring future computer scientists, guiding them on best practices, emplacing knowledge and confidence in the field</li> <li>Instructing classes and proctoring exams for an intermediate level programming class</li> <li>Grading projects, providing feedback and continued support through the learning and growing process</li> </ul>		
BLIZZARD ENTERTAINMENT	Irvine, California	May 2015 - August 2015
<b>Software Engineer Intern, Automation</b>		
<ul style="list-style-type: none"> <li>Created a web-based MVC/MVVM user interface for the support systems team to create and monitor testing virtualization and unify the testing automation process</li> <li>Designed an internal SDK to simplify and expose virtualization server performance metrics and automated test execution data to consume, providing improved transparency and effectiveness for other Blizzard teams through NuGet</li> <li>Developed industry level software using C#/.NET, SignalR, Couchbase, Redis, RabbitMQ, Git, WebAPI development, Unity (DI) and enterprise design patterns, HTML5/CSS3, IIS Management, LINQ, TPL, Razor, JavaScript w/ libraries &amp; frameworks (e.g. JQuery, Bootstrap, ChartJS, and KnockoutJS), JIRA and Confluence documentation, and Jenkins and Go build management</li> </ul>		
MARQUIS SOFTWARE	Tallahassee, Florida	August 2014 – April 2015
<b>Software Engineer Intern, .NET Development</b>		
<ul style="list-style-type: none"> <li>Produced proprietary software, corporate development tools, and batch reporting written in VB.NET utilizing Active Reports, Oracle, MSSQL, and DB2</li> <li>Manage builds using Apache Ant with VSS and Subversion source control using proprietary deployment tools with VMWare virtualized testing environments</li> <li>Operated within an Agile development environment using JIRA, writing software documentation in SharePoint, a software company management perspective, and enterprise software development tools and IDEs</li> </ul>		
BEST BUY	Gainesville, Florida	September 2010 – April 2014
<b>Geek Squad Manager (DCI)</b>		
<ul style="list-style-type: none"> <li>Analyzed and managed \$30M+ annual financial performance through ledgers, reporting, corporate business strategies and action planning. Saved over \$100,000 through improving the store write-off process</li> <li>Actively recruited, hired and developed a team of highly-trained individuals to provide a world-class experience to clients</li> <li>Utilized creative methods to restore functionality from virus infection, OS failure, application failure and hardware failure and provided consumer and commercial product support, maintenance, repairs, logistics and service</li> </ul>		

## DEVELOPMENT EXPERIENCE

- C/C++, C#, VB.NET, HTML/CSS/JS, Java, DB2, Oracle, MS SQL, ASP.NET, Python, shell scripting, MIPS Assembly, RESTful WebAPI development, JS Libraries (such as GoogleAnalytics, jQuery, Bootstrap, ChartJS, KnockoutJS, AngularJS), PHP, Razor, MVC4/5 Web Applications, ASP.NET, SignalR, RabbitMQ
- Microsoft Windows and Visual Studio, OSX, Linux/Unix, Unity Engine, Unreal Engine, and Adobe Creative Suite, Git, Subversion, Microsoft Visual Source Safe, Jenkins, Go Build Management, VMWare, Amazon Web Services, Microsoft Azure, Apache Ant, JIRA, Confluence, SharePoint, Team Foundation Server, Trello

## PORTFOLIO/EXTRACURRICULAR/ACHIEVEMENTS

Website: <a href="http://imdigitaljim.github.io/">http://imdigitaljim.github.io/</a>	GitHub: <a href="https://github.com/imdigitaljim">https://github.com/imdigitaljim</a>
Cybersecurity Club at FSU 2014 - 15, w/ CTFs	Placed 1 <sup>st</sup> 2015 ACM Programming Competition
ACM at FSU 2014 - 15, w/ Hackathons	Placed Top 3 2014 FSU Microsoft Code Competition
Phi Sigma Theta, Phi Kappa Phi National Honor Society	Ludum Dare 30, 33 Participant
Outstanding Teaching Assistant Award Nominee 2015 - 16	Tallahassee Comm. College Forensic Speech and Debate Judge 2015