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JAMES M. BACH

EDUCATION

FLORIDA STATE UNIVERSITY	Tallahassee, Florida	Dec 2017 Expected

Master of Science in Computer Science, Computer Science Undergraduate/Graduate GPA: 4.0
   Presidents List 2014 - Present

UNIVERSITY OF FLORIDA	Gainesville, Florida	May 2010

Bachelor of Science in Resource Economics

PROFESSIONAL EXPERIENCE

BLIZZARD ENTERTAINMENT	Irvine, California	May 2016 - August 2016

Software Engineer Intern, Engineering Systems, Cloud Team

- Developed scalable tools for an enterprise cloud infrastructure with a container-oriented development environment, integration and artifact pipelining using Docker, Kubernetes, OpenStack, Django, Python, NginX, CentOS, GoLang, PowerShell, and C#.
- Iterated on automation tools developed in the previous year for better usability, improved responsiveness, and new features to improve effectiveness, updated the build and deploy process to support the latest MSBuild, and performed minor refactoring for code optimization and readability.

FLORIDA STATE UNIVERSITY	Tallahassee, Florida	August 2015 – Present

Graduate Teaching Assistant

- Mentoring future computer scientists, guiding them on best practices, emplacing knowledge and confidence in the field
- Instructing classes and proctoring exams for an intermediate level C++ programming class
- Grading projects, providing feedback and continued support through the learning and growing process

BLIZZARD ENTERTAINMENT	Irvine, California	May 2015 - August 2015

Software Engineer Intern, Automation, Platform Services

- Created a user interface and API using a C# MVC/MVVM web application project for a complex orchestration system to provision, run, and monitor virtualization such as VMWare, Amazon Web Services, Microsoft Azure for testing and development teams
- Designed an SDK to simplify the process of provisioning, controlling, and monitoring virtual machines in the development and testing process for Blizzard teams.
- Developed enterprise development tools using C#, MVC 4-5 w/ Razor, SignalR, Couchbase, Redis, RabbitMQ, Git, RESTful WebAPI development, Unity (DI) and enterprise design patterns, HTML5, CSS3, IIS Management, LINQ, TPL, JavaScript w/ libraries & frameworks (e.g. JQuery, Bootstrap, AngularJS, ChartJS, and KnockoutJS), JIRA and Confluence software documentation, and MSBuild, Jenkins and GoCD build management

MARQUIS SOFTWARE	Tallahassee, Florida	August 2014 – April 2015

Software Engineer Intern, .NET Development

- Developed enterprise tools and batch reporting in VB.NET and Java utilizing Active Reports, Oracle, SQL, and DB2
- Learned enterprise version control, build automation, and testing using Apache Ant, VSS, SVN, and VMWare
- Experienced an Agile environment using JIRA, writing documentation in SharePoint, and enterprise development tools

BEST BUY	Gainesville, Florida	September 2010 – April 2014

Geek Squad Manager (DCI)

- 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
- Actively recruited, hired and developed a team of highly-trained individuals to provide a world-class experience to clients
- 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

PORTFOLIO/EXTRACURRICULAR/ACHIEVEMENTS

Cybersecurity Club at FSU 2014 - 15, w/ CTFs	Placed 1st 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
CS Outstanding Teaching Assistant Award 2015 - 16	GitHub: https://github.com/imdigitaljim
Game Development: http://slideysquare.com/	Full Portfolio: http://imdigitaljim.github.io/