

Taylor Jon Mattison

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Objective	To advance my career in Software Engineering with interests in Functional Programming, Cloud, Machine Learning, and Human-Computer Interaction	
Education	B.S. Computer Science , Virginia Tech, Blacksburg, VA – December 2015 - GPA: 3.8 - Minor in Math - Including graduate-level course work	
Related Work Experience	Software Engineering Asst. Manager – Accenture Federal Services , 2016 – Present - Architect and implement national-scale cloud software for the Healthcare Industry - Act as primary code reviewer across 7 projects, teaching code standards Game Server Owner – Self Employed , June 2017 – Present - Operate a globally-ranked server and manage a community of over 1,700 players Agilex – Software Engineering Intern , June – August 2015 - Created an innovative government project in a team of 2 as HCI & full stack developer Mirror Worlds Research Project – Head of Hardware Team , August 2014 – Present - NSF grant funded project exploring the technology of augmented reality spaces Kyrus Technologies – Software Engineering Intern , June – August 2014 - Developed 3 profitable security-related projects on mobile and distributed platforms Animation and Gaming Research Lab at Virginia Tech , November 2013 – May 2014 - Visualize an evacuation simulation for a 60,000 capacity stadium with Unity Technology-Enhanced Learning and Online Strategies , February 2013 – May 2014 - Test and Develop Scholar, Virginia Tech’s online learning system Mobile Developer – Institute for Creativity, Arts, and Technology , February – May 2014	
Technical Skills	<ul style="list-style-type: none">• JVM Languages: Scala/Java• Machine Learning: EMR/Spark/Pandas• Databases: Postgres/Marklogic/DynamoDB• Game Engines: Unity/LibGDX/Godot	<ul style="list-style-type: none">• Cloud: AWS/Kafka/Splunk• Python, C++, C, C#• HTML, CSS, JS, JQuery• Collaboration: Git, Jira, Agile
Other Experience	Eagle Scout Leadership Service Project , October 9, 2011 - Implemented an ongoing community service to properly retire worn American flags Boy Scout Senior Patrol Leader , 2011 - Highest leadership position in Scouting USSF Certified Soccer Referee , 2008 – 2017 VT Hacks & AI4Health Hackathon Participant , 2014, 2015, 2018, 2019	
University and Community Involvement	Galileo – Engineering Community Academic Committee , 2012 – 2015 Computer Science Community Service Organization Volunteer , 2013 – 2015 Golden Key International Honor Society , 2013 – Present Mobile Application Development Student Organization at Virginia Tech National Technical Honor Society , 2012 – Present Mountain View Community Church A/V Tech Volunteer , 2008 – 2012 Trumpet Player – Virginia Tech Marching Band , 2004 – Present	
Awards and Certifications	ScrumMaster Certification – Agile Development Framework NOCTI Certification in Computer Programming Computer Science Resources Consortium Scholarships E² Competition Winning Team – Developed and presented an Android app Most Distinguished Senior Award	