

Nathan Hahn

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Education

M.A. George Mason University, Fairfax, VA – Expected Graduation 2021

Program: Computer Game Design, College of Visual and Performing Arts

Coursework: Game Studio Management, AR/VR Game Development

M.B.A. Clarewood University, Reston, VA - 2018

Concentration: International Business and Finance, *GPA:* 3.95

Coursework: Introduction to Statistics and Big Data, Advanced Statistics for Business, Managerial Decision Making

Capstone Project: “Mortgage Finance Reform and Likely Stakeholder Impact”

B.A. Northeastern University, Boston, MA - 2014

Major: Asian Studies; *Minors:* Computer Science and Business, *GPA:* 3.8

Capstone Project: “Infinite Free Plays: The Rise of the Freemium Game Development Model from a Global Perspective”

Experience

Virginia Serious Games Institute, Fairfax, VA, December 2019 - Present

Online Course Developer

- Working with game development subject matter experts to create Blackboard course content
- Developing online programming course content using HTML, Javascript and PHP for age 13+ students
- Creating video learning content using Camtasia to illustrate project setup requirements

Interintellectus NFP, Silver Spring, MD, May 2016 - Present

Lead Programmer and Game Designer (*The Girl Who Sees*)

- Creating architectural framework for a Fantasy Adventure/Strategy RPG game in Unity and C#
- Training contracted developers in programming/GitHub and integrating contracted work into the final product
- Managing deployment/release pipeline to Itch.io, art/music asset pipelines, and sprint backlog in Asana

Freddie Mac, McLean, VA, May 2019 - June 2019

Business Rules Analyst

- Worked with business operations consultants to plan changes to customer-facing applications
- Changed business rule models using in-house business rules development tools

Fannie Mae, Reston, VA, January 2015 - May 2019

DevOps Engineer

- Created Tableau dashboards to capture value-driven project outcomes and DevOps platform performance
- Trained team on monitoring and testing practices for the entire DevOps Pipeline
- Facilitated compliance requirements collection of over 60 artifacts for internal and external audit teams
- Introduced agile practices for process improvement management using Scrum/Kanban

KBACE Technologies Inc., Nashua, NH, July 2014 - July 2015

Associate Consultant

- Customized training platform interface using JavaScript and HTML
- Created SQL queries to determine revenue generating web application platform usage
- Developed interactive training content for Oracle ERP and HRM implementations using Oracle UPK

Other Skills and Interests

Programming Skills: Python, Perl, C#, SQL, JavaScript, HTML, CSS, Unix/Scripting, Java, XML, VBScript

Software/Process Knowledge: Microsoft Word, Advanced Excel, PowerPoint, Visio, SharePoint, Agile (Scrum/Kanban)

Foreign Language Skills: Mandarin Chinese, 10+ years (HSK 5, Business Level Chinese)