

Nicholas Harris

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in brief

With interests and experience in several fields – writing, art, programming, video – I love solving problems and surpassing expectations.

education

Virginia Commonwealth University 1999-2002 Richmond, VA
• Bachelor of Fine Arts, Communication Arts and Design: major focused on video and animation (later renamed *Kinetic Imaging*)

Tidewater Community College 1997-1999 Portsmouth, VA
• Associate of Arts, Fine Arts
• Associate of Arts, Liberal Arts

clearance

Secret (2018, expired)

experience

senior programmer, aXseum

Fort Eustis, Newport News, VA; August 2019 – August 2022

- Update Army training development web app from Java Spring to modern stack that includes Node.JS, TypeScript, Angular, Express, and Oracle DB and T-SQL.
- Lead focused “tiger teams” to accomplish specific tasks outside the scope of, or required as a prerequisite to, the current agile sprint tasking.
- Port architecture to Azure cloud platform.
- Port database backend from Oracle to T-SQL.
- Provide peer reviews, write documentation, and execute research and development.

software developer, Engility/SAIC

Virginia Beach, VA; August 2016 – July 2019

- Develop a database and front-end (*SQL Server, Entity Framework, Vue*) to enter and manage inventory for successive deliveries of equipment
- Develop an HTML5/JS framework to display mixed courseware content, including HTML5, video, and WebGL. Framework supported a local server backend used to track student progress on multiuser laptops and supported SCORM APIs within an LMS.
- *Note: Engility was bought by and merged with SAIC in 2018; integration began in January 2019*

senior programmer / multimedia specialist / ISSM, Akima Infrastructure Services

Hampton, VA; August 2009 – August 2016

- Develop and maintain web-based courseware (interactivity Levels I to III); Flash and JavaScript on the front end
- Design and implement functionality and tools that assist instructional designers and graphic artists in producing effective training in expressive ways
- Coordinate multiple simultaneous projects under individual task leads for distinct clients
- Develop and package SCORM-compliant courses for multiple LMS environments
- Provide support and debugging to government-designed frameworks
- Attend business trips and phone conferences with clients alongside coworkers to help identify and mediate possible risk, and ultimately implement solutions
- Maintain and audit workstations in a secure (secret clearance) environment
- See reference for Marsha Jurewicz

software developer / graphic designer, Computer Science Corporation

Hampton, VA; July 2005 – 2009

- Developed and maintained web-based courseware (interactivity Levels I to III); Flash and JavaScript on the front end; Perl and MySQL on the back end
- Designed and implemented functionality and tools that assisted instructional designers and graphic artists in producing effective training in expressive ways
- Coordinated multiple simultaneous projects under individual task leads for distinct clients
- Implemented features that met client and government requirements (such as 508 compliance)
- Led programming workshops for graphic artists to explore their interest in developing skills

editor and videographer, Video Image Productions

Hattiesburg, MS; Aug. 2002 – July 2005

- Film and edit projects -- often live events -- for private or limited commercial use
- Produce and edit local commercials for Comcast Spotlight
- Design comprehensive packaging, including video graphics, DVD authoring, and disc/case printing

member, Hattiesburg Jaycees

Hattiesburg, MS; 2004 – 2005

- Organize and coordinate several city and community events, including:
 - Hattiesburg 2005 mayoral forum
 - Hattiesburg 2004 Christmas parade
 - Forrest County's Junior Miss 2005 program

skills

previous certifications: Security+

development software: Visual Studio, Visual Studio Code, Adobe Photoshop, Unity, Godot, Adobe Animate (formerly Flash)

languages: C#, JavaScript/TypeScript, PHP, SQL

editing/composition software: Premiere Pro, After Effects, Audition

miscellaneous: GraphQL, SCORM, Node.JS, Angular, Vue