ALLISON MARTZ

132 Kenley Court State College, PA 16803

(814)321-3678 | AllieMartzDev@gmail.com

www.AllieMartz.com

Skills Summary

- **Frontend:** HTML, CSS/Sass, JavaScript, Vue, React, UI Libraries (Bootstrap, Tailwind)
- **Additional Languages:** NodeJS, Python, PHP
- **Databases:** MongoDB, MySQL, SQLite
- **API Testing:** Postman
- **Cloud Platform:** AWS Services
- **Version Control / Deployment Tools:** Git, CodePipline, Amplify, Netlify
- **360/VR/AR/Data:** A-frame, H5P, HighCharts
- **Adobe Creative Suite:** Premiere Pro, Photoshop, Illustrator, WorkFront
- **Design Principles**: A11Y, Accessibility, Universal/Inclusive Design

Professional Experience

Multimedia Specialist

Pennsylvania State University | May 2019 – Present

- Team frontend developer in building interface components for Penn State World Campus online courses that are interactive, scalable, clean, and accessible.
- Developing an internal application to simplify our team video server processes in media encoding, retrieval, and backup storage with Amazon S3.
- User testing of new/potential technology integration for media delivery and interaction (i.e. video streaming solutions, immersive technologies, interactives, web components).
- Ability to develop and transform technical documentation process language to improve readability and process efficiency for both the client and builder.
- Incorporates accessible and inclusive visual design principles and theory in producing web-based multimedia content.
- Thrives in a team setting, respecting diverse backgrounds and viewpoints, to achieve timely completion of projects.
- Self-driven and passionate in learning innovative technical tools to optimize current processes, improve web load performance, and provide solutions suitable for delivery.
- Point person for troubleshooting, cross-browser testing, responsiveness, and debugging interactive course components.

Group Fitness Instructor

Fitology Fitness Studio | *Jan 2019 – Present*

- Internationally certified instructor in Les Mills fitness programs: The TRIP and Core.
- Experience leading group exercise classes with the ability to communicate and demonstrate correct form and methods to multiple fitness levels.
- Cultivates positive relationships with participants by interacting with them before, during, and after group fitness classes.
- Ensures exercise safety standards and protocols are followed.

Instructional Production Specialist

Pennsylvania State University | Jan. 2011 – May 2019

- Assisted course instructional designers and faculty members to create and maintain over 30 high quality online courses for Penn State World Campus.
- Efficiently organize, prioritize, manage, and balance workload to successfully meet course production deadlines each semester.
- Experience with onboarding new personal, training of multiple inhouse systems, faculty course walkthroughs, technical tools, and unit operational processes.
- Lead developer in creating a design heavy non-credit template, which entailed, collaboration with multiple unit team members, following responsive design, accessibility, and user experience protocols.
- Ability to communicate and deliver design concepts to stakeholders in written and oral briefings/presentations.
- Work closely with unit team members to analyze the effectiveness of in-house processes and provide recommendations for process change to increase productivity.
- Involved in multiple unit pilots, LMS and third-party tool explorations, World Campus strategic goal initiatives, which have entailed development, problem-solving, use case considerations, user testing, and analysis for innovative developments.

Education

The Pennsylvania State University
Bachelor of Science in Security and Risk Analysis | Summer 2022
Emphasis: Information and Cyber Security

The Pennsylvania State University
Associate of Science in Information Sciences and Technology | Fall 2016
Emphasis: Security and Risk Analysis

Certifications

National Security Agency Certificate
Pennsylvania State University

Les Mills International
Certified Instructor: Core | The Trip

References available upon request