February 14, 2019

Ulster County Economic Development Alliance
244 Fair Street, PO Box 1800
Kingston, New York 12402-1800

Dear Chair Lonstein and UCEDA Board Members:

SUNY Ulster would like to propose a training program for Ellenville/Town of Wawarsing. The proposal is to train 4-8 people in 4 core Website Development courses enabling them to get entry level work in one of the many tech companies in Ulster County or for them to venture out on their own and create their own business. Currently Indeed.com list several open local positions for jobs that this training would prepare one for. The training program includes a weekly 3-hour instructional class and a 3-hour optional study/mentoring where students can ask questions and get assistance with homework assignments if needed. Training will take place in our new computer lab located in the Pfeiffer Technology and Innovation Lab located on SUNY Ulster's Stone Ridge Campus. Total cost of the program per student is $3,392. Program will begin spring 2019 and run for 19 weeks

Web Development: Fast Track Mini Boot Camp (19 weeks)

Web Development I, II and III delivers real-world skills essential in website development by using a mini-boot camp approach. These courses provide a solid foundation in website development. Our instructors are local, experienced professionals in the field of website development and technology, and are passionately involved in growing the local tech community. The technology skills presented in these courses are current, relevant to today's job market, and based on industry best practices.

WEBSITE DEVELOPMENT I: Website Construction Principles. HTML5, CSS
Students are provided with a hands-on introduction to the universal architecture of the web. This course covers website construction with HTML5 and CSS, file structure and hierarchy, design and usability concepts, accessibility-conscious coding, and website hosting and administration. Students will learn website development fundamentals hands-on by building a simple, professional-class website in class.

WEBSITE DEVELOPMENT II: Multi page Websites, CSS Strategies
Students will extend their knowledge of HTML5 & CSS in building multipage websites. Students will explore CSS strategies for managing multi-column layout, responsive design principles, and how to code a website from a design mockup. The course will also cover CSS drop-down menus, tables, forms, and embedded media.

WEBSITE DEVELOPMENT III: Building Blocks of Dynamic Websites
Students will discover the power of dynamic website coding with an introductory examination of PHP and MySQL. In this course, students will implement basic dynamic functions with PHP, and will hand-code a simple PHP-MySQL application to produce a dynamically-generated blog page. Students will examine similarities

between their application and open source Content Management Systems like WordPress, and use what they learned to migrate an existing WordPress website.

INTRODUCTION TO JAVASCRIPT & JQUERY
This course is designed for JavaScript novices who have little or no experience with the language. Students will learn the structure of JavaScript - variables, scope, control flow and functions. Students will create code that interacts with DOM and adds interactive behavior to a website. The course will discuss the best practices and introduce jQuery – a widely used JavaScript library.

Respectfully Submitted,

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