

Steven R. Smith
Peraton Corporation
1225 Evans Road
Melbourne, FL 32904

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To Whom It May Concern:

Peraton Corporation is a next generation national security company with our mission focused on protecting and promoting freedom around the world. Peraton supports missions in all operational regimes: air, land, sea, space, and cyberspace. As the Advanced Programs Manager in the Space Enterprise Solutions sector, my goal is to support our sector in providing software and system applications that will meet or exceed customer requirements in such a way as to move from simply a supplier to a long-term mission partner.

Over the last six months, the industry-focused User Experience (iUX) Academy at the University of Central Florida (UCF) has provided services through the UCF Florida Research Foundation, Inc, (UCFRF) for Peraton. These services are in support of the development of a Space Vehicle (SV) User Interface (UI) to demonstrate a modern UI that meets the needs of Peraton's business and of the users of OS/COMET®, Peraton's software product for SV monitor and control.

Four UCF interns **Timothy Dinh**, **Irina Lediaeva**, **Thomas Lukas**, and **Jessica Williams** supported the design and development of the UI for Peraton using User Experience (UX) methodologies. Their exemplary performance contributed to a successful creation of a new Search and Filter UI for finding relevant data and notifications for SV operations. Specific areas of expertise were demonstrated by the interns as follows.

Discount Usability Evaluation: The interns performed discount usability evaluations by conducting cognitive walkthroughs and heuristic evaluations of the interfaces based on their knowledge of the goals of the systems. They prepared reports and presented their findings to Peraton in a very professional manner. These reports were used by Peraton to help define the direction of the UI development.

Prototype Design: The interns participated in the Wireframe Prototype Development using the balsamiq® wireframe tool. Peraton used the work performed by the interns as part of the integrated development team between UCF and Peraton.

Usability Testing Design: The interns designed user studies consisting of 1) a think aloud session where the interns observed actual users performing key tasks and 2) a debriefing interview of those users to gauge their overall perceptions of the system(s).

Remote Usability Testing Execution: The interns conducted two user studies with remote users who are subject matter experts in SV monitor and control. The interns transcribed the sessions, analyzed the data, wrote up summaries of the results, made recommendations, and submitted a final report of the testing. All data from the testing sessions was made available on Validately. The data and reports were also downloaded to the Peraton SharePoint site for collaboration and sharing of data.

Finally, I would like to commend Dr. Pamela Wisniewski in her leadership, expertise, and management of the students during the execution of our contract with iUX Academy. Her performance and knowledge of UX principals were key in the successful conclusion of this UX development effort.

Sincerely,

A handwritten signature in black ink that reads "Steven R. Smith". The signature is written in a cursive, slightly slanted style.

Steven R. Smith
Advanced Programs Manager