Steven Grey Weldon

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# Education

**MS** Naval Postgraduate School, Computer Science September 1997

Thesis: “Security Issues in the JMCIS-Ashore Command and Control System”

Advisor: Dennis Volpano, PhD

**BA** The George Washington University, June 1990

Russian Language and Literature

# Honors and Awards

N/A

# Research Experience

N/A

# Teaching Experience

**Augusta University**, Augusta, GA January 2017 to Present

**Cyber Institute Director and Instructor**, School of Computer and Cyber Sciences

* Introduction to Computers and Programming (CSCI 1200) emphasizes analytical thinking and teaches problem solving through an introduction to basic programming structures. It covers design of well-structured algorithms using appropriate logic structures with simple data types and data structures.
* Principles of Programming I (CSCI 1301) emphasizes problem-solving methods, which result in correct, well-structured applications. Taught using the C# programming language.
* Principles of Scripting and Automation (AIST 2120) is an intermediate programming course focused on solving and automating common Information Technology challenges using a contemporary scripting language. Topics include command line interfaces, scripted control structures, arrays and dictionaries, object-oriented design concepts, and text processing.
* Ethics in Computer Science (CSCI 2700), an undergraduate course averaging 40 students per semester, to study the ethical, social and legal impacts of computers and their applications. Course focuses on professional responsibility, privacy issues, property rights, legal issues and real risks.
* Cellular and Mobile Technology (AIST 3360) explores mobile and cellular technologies. Students gain a solid understanding of the key principles of wireless and mobile networks including security impact and mitigation techniques.

**University of Maryland Asian Division**, Alice Springs, Australia

August 2000 to June 2001

**Instructor**, Alice Springs Campus

* Introduction to Problem Solving and Algorithm Design (CMIS 102), an undergraduate course averaging 20 students per semester. Course studies techniques for finding right solutions to problems through structure programming and step-wise refinement. Taught using the C++ programming language.
* Introductory Programming (CMIS 141), an undergraduate course averaging 15 students per semester. Course introduces structured and object-oriented programming. Taught using the C++ programming language.

# Publications

N/A

# Patents

N/A

# Presentations and Invited Lectures

**Presentation,** “Cyber Education Opportunities,” Department of Juvenile Justice Georgia Cyber Center Visit, February 17, 2020.

**Panelist,** “Educating the Cyber Workforce,” Cyber and Education Connections, July 24, 2018.

**Keynote Speech**, “Cybersecurity in the Junior Model United Nations,” Junior Model United Nations Conference, Marcy 7, 2018.

**Presentation**, “Project IMPACT Cyber Intro: Cyber, Cybersecurity, Education and Careers” Project IMPACT Conference, January 20, 2018.

**Presentation,** “Cyber and our Community – A Presentation to the Downtown Kiwanis Club,” Kiwanis Meeting, July 24, 2017.

# Professional Training

**Faculty Development: Teaching Blended & Online Courses**

Augusta University, Augusta, GA, June – July, 2020

Description: Three-unit faculty development series to prepare faculty to create and deliver courses in different modalities (face-to-face, hybrid, entirely online). Developed and delivered by the Augusta University Center for Instructional Innovation and the Division of Technology.

**Summer Reading Circle: Minds Online – Teaching Effectively with Technology**

Augusta University, Augusta, GA, June 6 – July 11, 2018

Description: Reading Circle read and studied Minds Online: Teaching Effectively with Technology, by Michelle D. Miller, PhD. Reading Circle focused on connections between teaching and cognitive psychology. Offered by Office of Faculty Development and Teaching Excellence.

**Course Design Workshop**

Augusta University, Augusta, GA, June 11 – 14, 2018

Description: Workshop covered principles of course design and student engagement, with guided hands-on work. Offered by Office of Faculty Development and Teaching Excellence.

**PMP Certification**, Project Management Institute, April 2017

Description: Project Management Professional (PMP) certification (#2032891)

**Joint Professional Military Education II**

National Defense University’s Joint Forces Staff College, Norfolk, VA, 2012

Description: The Joint and Combined Warfighting School prepares military officers to creatively, effectively plan operational-level warfighting for joint and combined military forces while integrating the effects of the United States Government, non-governmental organizations, and international organizations to ensure the success of Combatant and Joint Task Force Commanders operating within uncertain operating environments.

**Joint Professional Military Education I**

Naval War College’s College of distance Education, Newport, RI, 2010 - 2011

Description: Core and elective courses that lead to completion of three core courses; Strategy and War, Joint Military Operations, and Theater Security Decision Making. Program completion fulfills Joint Professional Military Education I requirements.

**Basic Russian Course**

Defense Language Institute Foreign Language Center, Monterey, CA, 1983 - 1984

Description: An intensive 48-week course designed to take students to target proficiency levels in speaking, listening, reading and writing.

# Professional Affiliations

**Association for Computing Machinery (ACM)**, 1998 – Present

**ISACA**, 2017 – Present

**Kiwanis International**, 2017 – Present

**Project Management Institute (PMI)**, 2017 – Present

**Institute of Electrical and Electronics Engineers (IEEE)**, January 2019 - Present

# Professional Service

**Augusta University Student Affairs Committee**

August 2018 - Present

**Augusta University ACM Student Chapter Faculty Sponsor**

July 2018 - Present

# Community Service

**Downtown Augusta Kiwanis Club Board of Directors**

October 2019 - Present

# Languages

**English**: Native Language

**Russian**: Intermediate Speaking, Reading, Writing and Listening

# Other

**Hobby**: Beekeeping

# References

**Dr. Alexander Schwarzmann**, Dean

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