

Sam Christian Miller Goerke

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EDUCATION

University of Wisconsin – Milwaukee Expected graduation: May, 2019	Graduate Degree: Focus:	M.S. Information Science and Technology Cyber Security	GPA 4.0
University of Wisconsin – Milwaukee Graduated 2017, <i>summa cum laude</i>	Degree: Minor: Honors College:	B.S. Information Science and Technology International Studies Honors College Degree	GPA 3.89
University of London , United Kingdom	Spent a semester participating in a study abroad program.		

WORK EXPERIENCE

UWM SCHOOL OF INFORMATION STUDIES Supervisor: Adam Hudson, Sr. Lecturer
Graduate Assistantship, Nonprof-IT Program 2017 –

Nonprof-IT is a UWM internship program that selects students to work as a team and connects them with a local non-profit organization to help them with their technology needs. As part of my scholarship, I was selected to assist the director of this program as it was being expanded. Duties include:

- Part of the team that interviews and selects both the students and the organizations.
- Set up student groups and give guidance when needed.
- Coordinate with mentors from the Milwaukee business community.
- Run the initial orientations with the students.
- Provide help to non-profits with projects too small for inclusion in the program.

UWM SCHOOL OF INFORMATION STUDIES Supervisor: Michael Zimmer, PhD
Digital Collection Specialist 2017 –

Work with Dr. Zimmer on his international research project, *The Zuckerberg Files*. Duties include:

- Create a new digital collection for the project.
- Design a new solution that is modern, aesthetically pleasing, and user friendly.
- Make sure new format maintains the functionality required in a digital collection.
- Train student researchers on data input and system maintenance.

UWM SCHOOL OF INFORMATION STUDIES Supervisor: Jim Schultz, IT Director
Primary Student Web Developer 2015 – 2017

Worked closely with the System Administrator to support a wide array of web-based technologies for our school.

- Maintained security policies regarding in-house web servers (utilizing virtual machines).
- Helped to execute our disaster recovery plan after an attempted attack against our system.
- Maintained our customer relationship management suite (SugarCRM) used for admission records.
- Migrated SugarCRM to a secured version, which included reverse engineering our custom application.
- Helped maintain the public facing School of Information Studies website (SOIS).
- Created SharePoint automation workflows for the department.
- I continue to consult with the department as needed.

UWM SCHOOL OF INFORMATION STUDIES Supervisor: Angela Sadowsky, Sr. Advisor
Academic Tutor for SOIS 2014 – 2017

Tasked with upgrading and revamping the unit's SharePoint site.

- Created a dynamic dashboard to give management auto-updating metrics for ongoing projects.
- Implemented a knowledge base to consolidate information for their various web applications.
- Designed an electronic SharePoint solution to replace what was previously written on a whiteboard.

UWM SCHOOL OF INFORMATION STUDIES

Supervisor: Michael Zimmer, PhD

Research Assistant 2013 - 2014

I was one of 20 incoming freshmen chosen for the *Undergraduate Research Summer Internship Program*. I was paired with Dr. Zimmer and conducted research for him on *The Zuckerberg Files* during the next two years.

PRACTICUM

ST. CLOUD PUBLIC LIBRARY

Supervisor: Sandy Toland, Librarian

Nine week practicum at their headquarters. 2015

- Worked on data analysis and qualitative analysis reports for various departments and for the director.
- Designed an application to document problems with their automated check in system. The company that makes this system, Tech Logic, was so impressed with it that they introduced it to all of their clients.

INTERNSHIP

Nonprof-IT working with Spotted Eagle, Inc.

Web Developer Team Lead

2016

I led a group of 3 as we worked with Spotted Eagle and upgraded their website.

COMMITTEES

Academic Planning Committee

School of Information Science, UWM

2017 –

MSIST Program Committee

School of Information Science, UWM

2017 –

Honors College Advisory Committee

Honors College, UWM

2016 – 2017

CONFERENCES

Future of Fintech in Milwaukee, *Artificial Intelligence*

2017

IT United's Member Connect Event, *Cyber Security*

2017

CERTIFICATIONS (pending)

CompTIA Security+

I am currently working towards this certification

VOLUNTEERING

IT United (United Way)

2016 –

I serve as a SOIS Ambassador, leading high school students through United Way's IT career fair.

ReStore: A Habitat for Humanity Thrift Store

Supervisor: Megan Strittmater

2013 –

420 S. 1st St, Milwaukee, WI 53204

I volunteer here on a weekly basis.

TECHNOLOGY SKILLS

Kali Linux	Nessus	Agile Management	MS SharePoint	Adobe Photoshop	PHP	HTML5
Metasploit	VMware	Git	MS Visio	Adobe Illustrator	MySQL / SQL	CSS3
Wireshark	VeraCrypt	Jira	MS Word	Adobe Dreamweaver	Python	JavaScript
Netcat	BitLocker	Bitbucket	MS Excel	Adobe Bridge	SugarCRM	JQuery
Nmap	SET	Slack	MS Power Point	Adobe Animate	CISCO Packet Tracer	WordPress