Ahmed Soliman

ahmed.soliman@uconn.edu | (860) 455-5998 | 230 Zygmunt RD APT 4A, Storrs, CT 06268

------------------------------Summary------------------------------

Seeking a Mentorship Position at Yale University. Currently holding a PostDoc and Adjunct Faculty positions at the University of Connecticut, Computer Science and Engineering Department.

--------------------------------Skills--------------------------------

- **Teaching and mentoring** (13 yrs of experience)
- **Research** (6 yrs of experience)
- **Programming (C++,Java,MATLAB,Python,** and **R)** (13 yrs)
- **PLC, SCADA** programming (5 yrs of experience)
- **Maintenance and repair** of **CNC** machines (7 yrs of experience)

------------------------- Publications -------------------------------

https://orcid.org/0000-0002-4339-1385
https://dblp.org/pid/55/10352-3.html

------------------------- Research Experience ----------------------

Project Title	"Efficient Techniques for Record Linkage and Entity Resolution"
Partners	· University of Connecticut (Storrs, CT)
	· US Census Bureau
Duration	1 year
Job	Researcher and software developer
PI	Prof. Rajasekaran, Sanguthevar

Project Title	"IoT Data Analytics"
Partners	· University of Connecticut (Storrs, CT)
	· Hartford Steam Boiler (HSB) (Hartford, CT)
Duration	2 years
Job	Researcher and team member
PI	Prof. Rajasekaran, Sanguthevar

Project Title	"QCIC Control Station Project"
Partners	· University of Connecticut (Storrs, CT)
	· Control Station (Manchester, CT)
Duration	9 months
Job	Researcher and team member
PI	Prof. Rajasekaran, Sanguthevar

Project Title	"Smart Grid Frequency Monitoring Network: Architecture and Applications"
Partners	· National Telecommunication Regulatory Authority (NTRA)
	· Helwan University (Cairo, Egypt)
	· Egyptian Electric Holding Company (EEHC)
Duration	1 year
Job	Ph. D. researcher and project team member
PI	Prof. Eissa, Moustafa M.

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Project Title	**"Center of Excellence for Smart Educational Systems"**
Partners Job	Helwan University (Cairo, Egypt) Foundation Member and Researcher
Duration PI	2 years and 2 months Prof. Salah, Ahmed

----------------------- Teaching Experience -----------------------

Title	**Teaching Assistant**
Period	**Fall 2019 and Spring 2020**
Institute	**University of Connecticut, CSE Department**
Course	CSE2300W Digital Logic Design

Title	**Teaching Assistant**
Period	**12 years**
Institute	**Helwan University, Cairo, Egypt** Electronics, Communications, and Computer Engineering Department
Courses	• Microprocessors and Microcontrollers • Parallel and Distributed Computing (MPI programming) • Computer Hardware Architecture. (Including: CPU design) • Computer Interfacing • Analog Electronics • Digital Electronics • Data Mining • Control System Design • Programming Languages (x86 Assembly, C, C++, C#, Java, MATLAB)

----------------------- Industrial Experience -----------------------

Period	7 years
Institution	**Eta Electronics, LLC**
Job	Software Engineer, (**founder)**
Field of Experience	PLC programming, SCADA system Programming, Design, maintenance and repair of CNC machines, AC/DC Drives, and Machinery automatic control systems.

Period	1 year and 4 months
Institution	**Helwan Machinery & Equipment Company**
Job	Electronic Servicing Engineer
Field of Experience	Maintenance and repair of CNC machines, AC/DC Drives, and Machinery automatic control systems

-----------------------Education and Training-----------------------

Most Recent Studies	Ph.D. Candidate (ABD) (University of Connecticut, Computer Science & Engineering) with CUM GPA of 4.033