Ayman Bagabas

Computer Scientist

Prolific problem solver with a strong urge to learn. Adept at self-motivation and assist others. Passionate about reverse engineering and data security.

Education

Fall 15 - Spring 19

Bachelor of Science in Computer Science
With minors in Mathematics and Cyber Security.
Georgia Southern University (Savannah GA, USA).

GPA: 3.86.
Dean's list standing.

Experience

Fall 17 - Present

Research Assistant in Computer Science
Georgia Southern University (Savannah GA, USA).

Design and develop anonymous authentication protocols for ad-hoc vehicle networks. Create writing simulation models that track power consumption and analyzes system behavior to detect anomalies.

Summer 18

Math Mentor in Mathematical Science
Georgia Southern University (Savannah GA, USA).

Assist high school age camp participants with understanding concepts from number theories. Help participants with writing code using Python on the mathematical software Sage.

Skills

Technical Skills

Programming Languages - C/C++, Python, Java, HTML, CSS, JavaScript, PHP, Bash, SQL, SageMath, Assembly

Operating Systems - Linux, Unix, Windows, Android

Tools - Git, Vim, Eclipse, Netbeans, Visual Studio, Atom, VirtualBox, Docker, MS Office, IE, Firefox, Chrome

Other - Embedded Systems, Debugging, Assembling/Disassembling electronics,

Soft Skills

- Strong leadership, communication, and collaboration skills.
- Time management, Self motivation and strong research skills.
- Adaptability and creative thinking skills.

Hard Skills

- Skilled in programming logic, data structures, and high mathematics.
- Experienced with open source software and computer security.

Languages

Fluent in English.
Native Arabic speaker.

Activities and Awards

Scholarships

- Saudi Arabian Cultural Mission (SACM) Scholarship.
- Jesse Shearouse Scholarship.

Leadership

Secretary of the Association for Computing Machinery (ACM) in Georgia Southern University Armstrong Campus.

Reference

Available upon request.