

MOHAMMED A. SHAHRIER

193-06 90th Avenue, Hollis, NY, 11423

(646)-342-4848 | Asifshahrier@aim.com | www.linkedin.com/in/msh95/

EDUCATION

Boston University

Master of Science, Software Development: **December 2020**

City College of the City University of New York

Bachelor of Engineering, Computer Engineering: **December 2018**

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, MATLAB.

Development Tools: PyCharm, IntelliJ IDEA, Visual Studio, Eclipse, NetBeans.

Databases: MySQL.

Other: Jenkins, Collaborator, Jira, ClearCase/ClearQuest, Debugger, DOORS, Rhapsody.

WORK EXPERIENCE

Lockheed Martin

Moorestown, NJ

03/20 -Present

Senior Software Engineer – Rotary and Mission Systems

- Designed Crypto Planning Application using C# and MVVM framework to work that works with SQL server to facilitate Air Force to plan Cryptographic Key Management.
- Researched and integrated new FTP tool in C++ codebase to work across many applications.

Northrop Grumman

Bethpage, NY

10/19 – 03/20

Embedded Software Engineer – Mission Systems

- Built Linux based kernels, with RT Preempt Patches, that ran on a TS-Socket Microcontroller (TS-4900) and flashed multiple TS-4900 boards with the kernels built.
- Cross compiled classified code from an ARM32 Bit Processor to another board of the same quality.
- Programmed a software component that reads coordinates from a CSV file and transports the data to another software component via an RTCF connection.
- Developed several RTCF bus connections between several software components.
- Programmed several software components to send and receive messages via byte stream.
- Modified U-Boot scripts to run different boot options on a TS-4900 board.
- Developed a script that operates at boot on the TS-4900 board, to erase a specific partition and have a fallback boot.

Raytheon

Woburn, MA

02/19 – 10/19

Software Engineer – Integrated Defense Systems

- Designed, developed and tested radar related software on the Space track Program.
- Automated radar software installation scripts on the Tools and Infrastructure team.
- Built new features and software solutions using C++ for data distribution systems.
- Assisted in the integration testing with other software engineers.
- Used Agile methodology for software development.

Con Edison Company of NY

Manhattan, NY & Bronx, NY

01/18 – 12/18

Engineering Aide Temporary

- Developed performance profiling tool for 25000 transformers of NYC using Visual Basic and Python.
- Improved defective transformer detection up to 30% by introducing better data analysis using Pandas.
- Tested and debugged several critical components using logging, unit tests and system level testing.
- Built databases and forms using MS Access and MS InfoPath integrated with SharePoint.
- Used SQL to query data stored in Oracle servers and Microsoft SQL servers to find valuable data and insights in structured data.
- Independently designed, developed and delivered SharePoint sites and Web Part Forms for the department.

ADDITIONAL

Active Secret Security Clearance: **June 10, 2019**