AASHTI FATIMA ALAM

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EDUCATION

The George Washington University, School of Engineering and Applied Sciences, Washington, DC **May 2018**
- *Master of Science* in Computer Science
- Concentration: Machine Learning and Cognition

Amity University, Amity School of Engineering and Technology, Noida, India **May 2016**
- *Bachelor of Technology* in Computer Science
- Relevant Coursework: Database Management Systems, Cloud Computing, Artificial Intelligence

TECHNICAL AND LANGUAGE SKILLS

Programming skills: C/C++, JavaScript, Java, HTML, CSS, Python, SQL
Operating Systems: Windows, Linux

WORK EXPERIENCE

International Monetary Fund, Washington, DC **September 2017- Present**
- Updating information on the website in a timely fashion for the Annual Meeting 2017
- Create digital illustrations like graphics, logos, images and find images that are suitable for messages conveyed on website
- Operated on Adobe Illustrator and Adobe Experience Manager for digital illustrations

Pebble Consultants, Gurgaon, India **May 2015- July 2015**
- Developed a *Content Management System* for the administrator to edit the website content without making changes to the back-end server
- Operated on *Node.JS* terminal using JavaScript to build the *Content Management System* for efficient back-end programming

RESEARCH PROJECTS

The George Washington University, Washington, DC **September 2016- December 2016**
- Designed an action based platform game and was appointed project manager for a team of 4 people.
- Developed ten levels of action game in Java using GameMaker software on iOS platform.
- Received high appreciation and awarded an A grade for presentation and development.

Amity University, Noida, India **Jan. 2016 – April 2016**
Predictive Analysis in Crime Classification
- Developed a statistical analytical application to predict the crime rate and crime classification for the city of San Francisco
- Applied concepts of data mining and machine learning to design the application
- Analyzed and tested the prototype model which predicted and classified the category of crime for 5 years
- Received a positive feedback and was termed an "innovative" and "prospective area of research" for the coming years
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Amity University, Noida, India **May 2014- July 2014**
Examination Seating Arrangement Plan
- Designed a software application that automatically allocated seating plans for a selected number of students in an exam hall
- Applied concepts of C++ programming and operations on 2-dimensional matrices to program the application which allowed for automated selection of seating positions

LEADERSHIP SKILLS

Confluence, Amity University, Noida, India **September 2014- September 2015**
- Organized a paper presentation event for "The Big Data Confluence: The Next Generation IT Summit" for the Department of Computer Science and Information Technology hosting 40-45 participants, 3 jury members and 30 students
- Appointed Chief Editor for the annual *Confluence Journal* for "The Big Data: The Next Generation IT Summit" along with a board of executive members

Young Woman's Christian Association and Shades of Happiness **December 2014 – January 2015**
- Conducted an origami workshop for underprivileged children from ages 6 -14
- Organized an art and craft competition for young girls of the *Young Woman's Christian Association*.

AFFILIATIONS

- **Graduate Liaison** in the Executive Board of **Women in Computer Science** (WiCS) (2017- Present)
- **Treasurer** in the Executive Board of the George Washington Chapter **To Write Love on Her Arms** (2016-Present)
- **Core Member** of the Thespian Society, **Amity University,** Noida, India (2014-2016)