

# Aashi Sinha

[aashipushensinha@gmail.com](mailto:aashipushensinha@gmail.com) | Toronto, Canada

## Education

### Amity University

*Bachelor of Technology in Computer Science*

• **GPA: 7.95 /10.00**

**Relevant Coursework:** Data Structures, Computer Organization and Architecture, Computer Graphics, Formal Language and Automata, Computer Networks, Artificial Intelligence, Distributed Systems, Compiler Design, Soft Computing and Mathematical courses

**Kolkata, India**

*July 2015-May 2019*

### Centennial College

*Advance Diploma in Software Engg. and Technology*

• **GPA: 3.5/4.00**

**Toronto, Canada**

*Sept 2020-Current*

**Relevant Coursework:** Mobile Application Development, Web Application Development, Data Structures, Software Testing, Advance Database, Object Oriented Programming, Java Concepts

## Academic Projects

### Geospatial System

*UML*

**Toronto, Canada**

*Sept 2020-Dec 2020*

- Liaised between 3 people to create a dashboard data portal for data analytics for datasets in a Geospatial segment of Chicago city
- Supported data gathering and statistical analysis of data using JavaScript for the web page and OOPs concept for system design and data modeling
- Simulated workflows and performed black-box and white-box testing for verification

### Product Analysis

*Software Project Management*

**Toronto, Canada**

*Sept 2020-Dec 2020*

- Performed a comparative analysis of the software product line architecture, libraries and technologies for web-based applications
- Developed a successful project plan and work breakdown structure with the required phases and activities to complete the project; managed all scrum boards
- Prepared the documentation with forecasts and estimates with key scrum metrics to determine project timeline using Microsoft Project Professional

### Steganography

*Mini Project*

**Kolkata, India**

*Aug 2017-Dec 2017*

- Created a desktop application for hiding information in digital media like an image using ASP.NET and C#
- Used the Least Significant Bit technique where the information is stored in the first bit of every pixel's RGB component of the image

## Professional Experience

### INTERN

*Microsoft Technology Associate (Summer Training)*

**Kolkata, India**

*Sept 2017 – Oct 2017*

- Undergone training for the subject "Python" and worked on a project to develop a testing and simulated application to have the feel and look of the "Chat Server", which works as a communication tool between various clients and a server.
- Awarded 'A' grade and received certificate for the same.

### INTERN

*Microsoft Technology Associate (Winter Training)*

**Kolkata, India**

*Dec 2017 – Jan 2018*

- Undergone training for the subject "IoT (Internet of Things)" and worked on a project to develop a testing and simulated application to have the feel and look of the "Gas Simulator" which works as a tool to detect gas in the nearby environment.
- Awarded 'A' grade and received certificate for the same.

### INTERN

*Hewlett-Packard(HP) (Industrial Training)*

**Kolkata, India**

*June 2018 – July 2018*

- Undergone training for the subject "Android App Development" and currently worked on a project called "MediPlus", capable of reminding users what medicines to take which time of the day and keeps track of the duration of the period too.
- Awarded 'A' grade and received certificate for the same.

## Skills & Interests

• Languages/technologies: Proficient in Java, C, MySQL, Python, Microsoft Word, Excel, PowerPoint, Visio, Outlook, SDLC; familiar with JavaScript, HTML, CSS, Jira; previously used C++, MS SQL Server, Apache Tomcat Server, Oracle, R PHP, Trello, ASP.NET, C#; experience with Eclipse, Git, Android, Unix/Linux

## Honors & Awards

- **Global Mathematical Talent Probe-** Secured percentile score of 91.95% and received certification
- **International Informatics Olympiad-** Awarded silver medal for acquiring second position

*August 2008*

*March 2009*