Anamika Ahmed

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I like to explore and learn new technologies that can be implanted to build a better future for all.

PERSONAL PROJECTS

Android app: Text Recognition using Image Processing
- Text recognition is the process of detecting text in images and video streams and recognizing the text contained therein. The app performs this action using OCR technology, and was built in Android Studio.

An augmented reality app: V for Vagina
- The project, "V for Vagina" is an Augmented Reality based mobile application for sexual health education for women and creating awareness.

Artificially Intelligent Chatbot: SpaceSite
- This is an android app to educate the school children about Space in a graphically feasible format using animations. The app is based on a gaming concept, and has a tutorial section and a quiz section where the quiz is taken by an interactive AI chat-bot.

Smart Gloves for the Deaf and Dumb
This use gesture recognition to allow disabled people to communicate easily with the rest of the world. This was made using Arduino Uno, flex sensors, etc.

Library Management System
This desktop application was made using Java Swing and My SQL that allows features like viewing library books, issuing and borrowing books, and has separate admin panel and user panel.

EDUCATION

Study Programme
BRAC University

01/2015 – Present   *CGPA: 3.47*
Thesis Topic

- Intelligent Counselling System using Artificial Neural Networks

A Levels
HEED International School

05/2012 – 01/2014   *Result: 90%*
Courses
- General Mathematics
- Chemistry
- Physics
- Biology

O Levels
HEED International School

05/2010 – 05/2011   *Result: 100%*
Courses
- Physics
- Biology
- Further Pure Mathematics
- Bengali
- Chemistry
- Human Biology
- Mathematics B
- English

SKILLS

Java Python C++ Android Development

PHP HTML CSS Adobe Illustrator

Adobe Photoshop WordPress MySQL

Java Script Microsoft Office

ACHIEVEMENTS

1st Runner Up of TADHack Bangladesh 2018
The global contest was organized by hsenid Mobile. Here, we made an app using the telecom APIs and pitched our idea (along with the business model) in front of the national and international judges. I was the team leader of the group.

Regional Finalist of WASH Innovation Challenge 2018
The contest is organized by UNICEF and BRAC, and we are currently the regional finalist from Bangladesh. We have given a technologically feasible solution to make hand washing easier for mothers and doctors. I was the team leader of the group.

Semi-Finalist of Sailors Champions of Earth Season 3
This is the biggest environmental business idea generation contest of the country organized by NSU Earth Club, and out of 411 teams from 41 universities of Bangladesh, my team has reached the semifinals under my leadership. I was the team leader of the group.

Champion of BUET Inter-University Hackathon 2018
I was the team leader of the team Awkward Turtles. We participated in the category "Domestic Violence against Women and children" and made an android app that empowers women by standing against the violence they face. I was the team leader of the group.

Champion of BRAC Intra-University Programming Contest 2017
It was an amazing experience to solve some tough contest problems and to achieve what we desired. I was at my 7th semester when I participated here.

Grand Finalist of Anita Moonshot Codeathon 2018
Anita Moonshot Codeathon is an International contest for women. Our project "V for Vagina" which is an educative Augmented reality app was chosen to be one of the Top 8 projects over 98 countries.

Grand Finalist of Innovation Hackathon 2018
The hackathon is organized by Robi Axiata, second largest mobile operator of Bangladesh. In this hackathon, we have made a travel app for the domain "Lifestyle"

Grand Finalist at Digital Innovation for Women 2017
This was a National Competition arranged by Women In Digital and powered by Microsoft. 192 teams from all over Bangladesh participated here. I was the only member in my team, and made an Artificial Intelligent App that helped me reach the finale.

Daily Star Award 2012
I received this for achieving 7 A and A grades at my O level Exams under Edexcel Board.*

WORK EXPERIENCE

CEO and Mentor
Alpha Education

05/2012 – Present
This is an institution that teaches O and A level candidates Physics, Chemistry and Mathematics.Teaching is my passion and I have been received amazing results from my students

Web Developer
Nerd Community

05/2017 – 01/2018
Nerd Community is an organization that unites the students of O and A levels from all over the country and helps them with educative resources

Executive
Computer Vision and Intelligent Systems (CVIS)Research Lab, BRAC University

07/2018 – 12/2018
Achievements/Tasks
- Have arranged a workshop series that engaged national and international speakers
- Having discussion sessions with thesis students about latest technologies that could enhance research
- Writing promotional content in BRACU newspaper about the tasks performed in the research lab

Android Developer
Team Ninja

06/2018 – Present
Working as Android Developer on Porashona Online (www.porashona.online), a product of Teamninja
Achievements/Tasks
- Developing the android app
- Integrating API
- Designing UI/UX

LANGUAGES

English	● ● ● ● ●
French	● ● ● ● ○
Bengali	● ● ● ● ●

CERTIFICATES

Certificate of Achievement
*The certificate is issued by **George Washington University** for the successful completion of Android Training Course.*

Certificate of Appreciation
*The certificate is issued **Robi Axiata** for becoming the Grand Finalist of Innovation Hackathon 2018*

Certificate of Achievement
*The certificate was given by **BUET** for becoming Champion in Inter-University Hackathon 2018.*

Certificate of Excellence
*The certificate is given by **The Daily Star** for excellent O level grades.*

Certificate of Attendance
*The certificate was issued by **BRAC University** for completion of the course Know your Country and Culture.*

Certificate of Participation
*The certificate was issued by **ICT division** for participating in National Girls Programming Contest 2017. We have stood 21st in that contest.*

Certificate of Participation
*The certificate was issued by **Anita Borg Institute for Women and Technology** for participating in their organized international contest called Anita Moonshot Codeathon 2018.*

References

Dr. Mohammad Zahidur Rahman
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Personal Information

Father's Name: Md.Shaukat Hossain

Mother's Name: Nadira Khatun

Date of Birth: 27th November, 1995

Gender: Female

Marital Status: Single

Nationality: Bangladeshi

Religion: Muslim

Permanent address: 35/3 Pallabi, Mirpur, Dhaka

Current Location: Dhaka