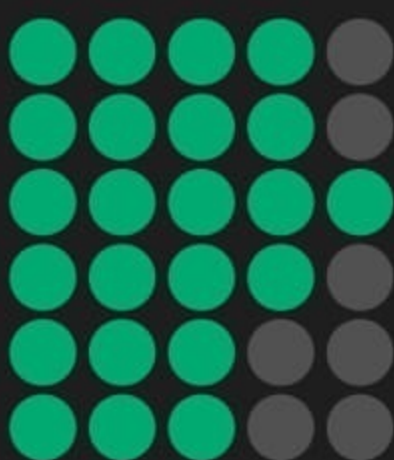# FAHAD RAHMAN AMIK

BIOGRAPHY

Fast Learner || Hard Worker || Capable of doing work under pressure | Intellectual || Innovative || High Coordinating ability

TECHNICAL SKILLS

Programming

PHP
MySQL
C
C++
Java
Python

Framework

Bootstrap 4
Numpy

EDUCATION

2017 - Present

B.Sc. in Computer Science & Engineering
North South University, Dhaka
Current CGPA: 3.71 out of 4.00 (Upto 115 Credits)

2014 - 2016

Higher Secondary Certificate Examination
Rajuk Uttara Model College, Uttara
Dept : Science || GPA : 5.00 (A+ in all subjects)

2012 - 2014

Secondary School Certificate Examination
Monipur High School and College, Mirpur
Dept : Science || GPA : 5.00 (A+ in all subjects)

PROJECTS

- **NSU Online Classroom**
Key Responsibility: Designed the whole system, made SRS, designed the database, made all the Rest APIs, designed the interface, implemented PSD to HTML, synced the interface with APIs.
Technology Used: PHP 7.3, MySQL, Bootstrap 4.
Description: A system which will help teachers and instructors of a course to interact with the students in an efficient way. In a course, a faculty shares various reading materials, slides, set exam dates, take questions from the students also students request for various things like asking questions, staring a discussion on a topic etc. Two types of users; Instructor and Students. Both types of user can post and start a discussion. Instructor can set up exam dates with exam topic and syllabus. Instructor can post marks and grades and it will be visible by individual student.
https://github.com/Amik-TJ/NSU_Online_Class-Room.git

CONTACT

Contact

- Dhaka
- 01685290796
- amiknsu@gmail.com

Social

- in/fahadrahmanamik/
- fahad.rahman.amik
- /fahadrahmanamik

NSU E Wallet
Key Responsibility: Designed the system with my team partner, designed the database, designed and implemented the interface, implemented PSD to HTML, synced the interface with APIs.
Technology Used: PHP 7.3, MySQL, Bootstrap 4.
Description: This is a virtual payment system. Pay cash to bank once and keep using the card till amount is zero, this is all about the job of user. Means no need to carry cash for making payment inside workspace. During cash payment, calculate money, open wallet, pay, then take changes, count them put it back to wallet. It is much time consuming. On our system, user will punch the card, give pin, rest of the job will be done by the system. It will discard the amount from user's card and gives a complete receipt with transaction id. As per we are integrating it with our University system, card will be maintained (payment history, card lock, change card pin) by our RDS account]. To show our system action, we will build a virtual vendor machine for our restaurant and integrate it with the payment system.

🔗 *https://github.com/Amik-TJ/NSU_E_Wallet.git*

Online Railway Seat Reservation System
Key Responsibility: Designed the whole system, designed the database, designed and implemented the interface, implemented PSD to HTML, Implemented both back and front end part.
Technology Used: PHP 7.3, MySQL, Bootstrap 4.
Description: A simple Railway Reservation System where user can reserve his/her seat, cancel his/her journey ticket, check available tickets and available train routes with schedule.

🔗 *https://github.com/Amik-TJ/Online_Railway_Reservation.git*

NSU Online Advising System
Key Responsibility: Write code for the system, implemented the logical part
Technology Used: C .
Description: An online advising system for University where teachers and students can do the advising job. Students can choose available courses. Teachers can enroll students to any course. Teacher can offer courses and also remove student from a course. An interesting 2 step verification method is introduced here for login.

🔗 *https://github.com/Amik-TJ/NSU_Online_Advising_System.git*

- **A 16 Bit CPU**
  Key Responsibility: Designed the Architecture with team, designed the ISA, solved logical problems, Developed the CPU and tested with higher level programming language
  Technology Used: Implement the whole system in Logisim. Logic gates, Mux, Encoder, Decoder, Registers, Timer, etc and C++.
  Description: A 16-bit CPU. Which can take input (i.e.: number) from user and show the output of any particular operation. Able to run High level programming instruction by converting them in assembly language. Designed own architecture with ISA.

  🔗 *https://github.com/Amik-TJ/Computer_Architecture_CSE_332.git*

ACHIEVEMENTS

🏆 **Merit-Based Tuition Waiver**
Achieved 50% scholarship in the admission test of North South University, Bangladesh.

INTERESTS

♥ **Deep Learning**
CNN, RNN, CRNN, OCR

REFEREES

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