

Ranit Debnath Akash

Student at Shahjalal University of Science and Technology

ranitid12@gmail.com

Experience

Programmer at ACM Lab, SUST

2014 - Present (3 years)

Solving programming problem, Participating in National and Online Programming Contest

Education

Shahjalal University of Science and Technology

Bachelor's Degree, Computer Engineering, 2013 - 2017

Activities and Societies: SUST ACM Programming Training Camp, CSE Society(SUST)

M. C. College, Sylhet

High School, Science, 2010 - 2012

Grade: 5.00 / 5.00

Sylhet Govt. Pilot High School, Sylhet

SSC, Science, 2007 - 2010

Grade: 5.00/5.00

Interests

Competitive Programming, Problem Solving(Programming), Software Development, Mathematics, Puzzle solving

Skills & Expertise

C

C++

Java

Programming

OOP

Data Structures

Problem Solving

Algorithms

Unity

MySQL

JavaScript

SQL

Matlab

HTML

PHP

jQuery
CSS
C#
Python
Object-Oriented Programming (OOP)
Cascading Style Sheets (CSS)
OpenGL
LaTeX
Git
Linux
Laravel

Volunteer Experience

Data Entry at SUST Admission Process

December 2013 - Present

Decoration, Cultural Volunteer at SUST CSE Carnival 2015

November 2015 - Present

I've volunteered in various field like Decoration & Cultural function mainly & also in other fields. It was a amazing feeling when the occasion was a successful one. I'm looking forward to this type opportunity more.

Honors and Awards

2nd Runner Up

Science Olympiad Divisional Level

2011

Participant

BUET IUPC 2015

2015

39th position

National Collegiate Programming Contest (NCPC), Dhaka

March 2016

Participant

ACM-ICPC Asia Dhaka Regional Contest

November 2016

Languages

English

(Professional working proficiency)

Bengali

(Full professional proficiency)

Certifications

ICPCID

ACM International Collegiate Programming Contest

Projects

Greedy Rook

Members: Ranit Debnath Akash

It's a normal 2D game developed in JAVA which is more like a flash game where scoring based on coin collection using a chess rook.

Crazy Foody

Members: Ranit Debnath Akash, Dhruba Chakraborty

It's a 2D game developed in UNITY (game engine & C#). It can be played both in computer & android mobile.

Vehicle Management

Members: Ranit Debnath Akash, Tapos Datta

We have developed this project by 'Relational Database'. It's a web based project & we used mainly PHP to develop this project. Keeps information about any kind of vehicle with its owner as a member in this site. This project helps to find the real owner of the vehicle and prevent peoples from buying vehicles from an unauthorized person who may have stolen the selling vehicle.

Courses

Bachelor's Degree, Computer Engineering

Shahjalal University of Science and Technology

Electrical Circuits	EEE109Q
Electrical Circuits Lab	EEE110Q
English Language I	ENG101
English Language I LAB	ENG102
Discrete Mathematics Lab	CSE144
Data Structure Lab	CSE138
Project Work - I	CSE100
Electronic Devices and Circuits	EEE203Q
Electronic Devices and Circuits Lab	EEE204Q
Engineering Graphics	IPE106
Object Oriented Programming Language	CSE233
Workshop Practice	IPE108
Numerical Analysis	CSE239
Digital Logic Design Lab	EEE202Q
Theory of Computation and Concrete Mathematics	CSE243

Algorithm Design & Analysis Lab	CSE238
Principles of Economics	ECI103
Cost and Management Accounting	BAN243
Complex Variables, Laplace Transofrm and Fourier Analysis	MAT204D
Basic Physics Lab	PHY222B
Database System	CSE 333
Project Work - II	CSE200
Operating System and System Programming	CSE335
Object Oriented Programming Language Lab	CSE234
Management Information System	CSE351
Numerical Analysis Lab	CSE240
Communication Engineering	CSE365
Microprocessor & Interfacing	CSE367
Structured Programming Languages	CSE 133
Discrete Mathematic	CSE 143
Data Structures	CSE 137
Matrices, Vector Analysis and Geometry	MAT 102D
Mechanics, Wave, Heat & Thermodynamics	PHY 103E
Calculus	MAT103D
Digital Logic Design	EEE201Q
Algorithm Design & Analysis	CSE237
Electromagnetism, Optics	PHY207
Database System Lab	CSE334
Operating System and System Programming Lab	CSE336
Basic Statistics & Probability	STA202
Communication Engineering Lab	CSE366
Structured Programming Language Lab	CSE134
Microprocessor & Interfacing Lab	CSE368

Organizations

ACM Programming

CSE Society, SUST

Executive Member

January 2013 to Present

ACM Lab SUST

Programmer

2014 to Present

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1 person has recommended Ranit

"Ranit is a very passionate acm programmer. He has outstanding skill over algorithms, data-structures. He participated many onsite and online programming contests and did very well. He is also a good developer and has the capability of working in any team and learning anything quite smartly. His academic result curve is also very high and he is also a very good table-tennis player."

— **Noymul Islam Chowdhury**, studied with Ranit at Shahjalal University of Science and Technology

[Contact Ranit on LinkedIn](#)