

PROBAL CHANDRA DHAR

1878 E 9 Mile Road
Appt # 1308, Jasmine Creek Apartments
Pensacola, Florida 32514
(850)-696-8203

E-mail: pd24@students.uwf.edu, probalcse0818@gmail.com

EDUCATION

Master of Science, Computer Science,

08/2017 - Present

University of West Florida Pensacola, Florida

Current GPA: 3.96

Relevant coursework: Algorithms & Data structures, Systems & networks, Java programming, Database, Data mining, Advanced Database systems, Advanced Programming Languages, Research Project, Adv. Comp Systems & Networks.

Bachelor of Science, Computer Science & Engineering,

02/2009 - 01/2014

Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh

GPA: 3.32

Relevant coursework: Software Engineering, Microprocessors & Assembly Language, Compiler Design, Operating Systems, Parallel & Distributed systems. Neural Networks, Image Processing, Digital Signal Processing, Computer Graphics, Peripherals & Interfaces, Discrete Mathematics etc.

RESEARCH INTERESTS

Data Science, Data Mining, Big Data, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing.

RESEARCH EXPERIENCE

Graduate Research Assistant

05/2017 - Present

Department of Computer Science, University of West Florida, Pensacola, Florida

This Research Project is in progress with *Dr. Thomas Reichherzer*.

- Organize Database for Smarthome Project.
- Handle the Casebase Modelling in Smarthome.
- Built the WebServices for Different Agents in Smarthome.

Graduate Research Assistant

05/2017 - Present

Department of Computer Science, University of West Florida, Pensacola, Florida

This Research Project is in progress with *Dr. Sikha Bagui*.

- Acquired Basics of MapReduce.
- Understand Apache Hadoop for handling Big Data.
- Implemented and optimized Clustering algorithms in Apache Hadoop.
- Acquired and Investigated Association Rule mining in Apache Hadoop.

TEACHING AND MENTORING EXPERIENCE

Teaching Assistant, Introduction of Computer Organization

08/2016 - Present

Department of Computer Science, University of West Florida, Pensacola, Florida

- Created and graded course assessments to ensure students understood material and stayed on track.
- Helped students to get better understanding of the lectures and notes during office hours.

Teaching Assistant, Introduction to Cyber Security

08/2017 - Present

Department of Computer Science, University of West Florida, Pensacola, Florida

- Grading Lab Assignments including JBLearning Assignments.
- Helping students during Lab hours to complete the work for the assignments.

Teaching Assistant, Algorithm and Program Design

01/2017 - 08/2017

Department of Computer Science, University of West Florida, Pensacola, Florida

- Helped students in Programming in the Lab to get better understanding how a program would work in C.
- Graded programming assignments, programming workshops.

Teaching Assistant, Theory and Fundamentals of Operating Systems

05/2017 - 08/2017

Department of Computer Science, University of West Florida, Pensacola, Florida

- Graded in-class assignments and homework offered by instructor.
- Helped students develop a better understanding of the topics covered in the class during office hours.

Teaching Assistant, Software Engineering II

01/2017 - 05/2017

Department of Computer Science, University of West Florida, Pensacola, Florida

- Graded programming projects.
- Helped students who had problems understanding the topics covered during class.

Teaching Assistant, Software Engineering I

08/2016 - 12/2016

Department of Computer Science, University of West Florida, Pensacola, Florida

- Graded programming projects and midterms.
- Helped students to understand the topics covered in the class in one-on-one session using white board, slides etc.

TECHNICAL SKILLS

Programming:

- C, C++, Java, Python, django, PHP, Laravel, JavaScript, jQuery, AngularJS, HTML, CSS.

Operating Systems:

- Unix, Mac OS and Windows.

Network Technologies:

- TCP/IP, UDP, SSH.

TECHNICAL EXPERIENCE

Software Engineer

1/2014 - 6/2016

Noobis Inc. Dhaka, Bangladesh

- Maintained websites with PHP, JavaScript, WordPress.
- Managed payment gateways, several APIs using JavaScript libraries like jQuery and AngularJS.
- Built websites with Laravel that used for crowdfund.

Intern Software Developer

07/2012-12/2013

Noobis Inc. Dhaka, Bangladesh

- Learned basics of web development.
- Built Joomla websites using custom themes.
- Built WordPress themes, plugins.

COURSEWORK

Operating Systems
Design & Analysis of Algorithms
Advanced Data Structures
Advanced Java Programming
Data Mining

Computer Networks
Neural Networks & Fuzzy Systems
Artificial Intelligence & Expert System
Systems & Networks I & II
Advanced Database Systems

Microprocessors & Assembly Language
Compiler Design
Parallel Systems
Database systems
Advanced Programming Languages

AWARDS AND SCHOLARSHIPS

- Awarded **Travel Grants** to attend **The Annual ACM Southeast Conference, 2018** conference at Eastern Kentucky University, Richmond, Kentucky.
- Awarded **John C Pace Scholar HMCSE** Scholarship at University of West Florida from Spring 2017 and onwards.
- Awarded **Graduate Assistantship** at University of West Florida in the Department of Computer Science from Fall 2016.
- Awarded **Merit Scholarship** in each of the semester at Rajshahi University of Engineering and Technology during undergrad.

REFERENCES

Dr. Thomas Reichherzer

Chair and Associate Professor
Department of Computer Science, University of West Florida
1100 University Parkway
Pensacola, Florida.
Building 4, Room 227
(850) 474 - 2612
treichherzer@uwf.edu

Dr. Sikha Bagui

Professor
Department of Computer Science, University of West Florida
1100 University Parkway
Pensacola, Florida.
Building 4, Room 245
(850) 474 - 3022
bagui@uwf.edu

Dr. John Coffey

Professor
Department of Computer Science, University of West Florida
1100 University Parkway
Pensacola, Florida.
Building 4, Room 434
(850) 474 - 3183
jcoffey@uwf.edu