

Ashraful Islam

PhD student and Graduate Research Assistant at UAB
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EDUCATION

- **UNIVERSITY OF ALABAMA AT BIRMINGHAM** Birmingham, USA
Doctor of Philosophy (Ph.D.) in Computer Science *Jan 2022 - Present*
 - **PI:** Dr. Thomas Gilray, Assistant Professor, Department of Computer Science, UAB
- **LEADING UNIVERSITY** Sylhet, Bangladesh
B. Sc. in Computer Science and Engineering *Sep, 2009 - Aug, 2013*

RESEARCH INTEREST

Programming Languages, Software Engineering, High-Performance Computing, Machine Learning, Information Retrieval, and Human-Computer Interaction

EXPERIENCE

- **UNIVERSITY OF ALABAMA AT BIRMINGHAM** Birmingham, USA
Graduate Research Assistant *Jan 2022 - Present*
- **BANGLA SEARCH ENGINE (PIPILIKA)** Sylhet, Bangladesh
Software Engineer (Research and Development) *Aug 2017 - Mar 2021*
- **SOUTHEAST UNIVERSITY** Dhaka, Bangladesh
Programmer *Apr 2015 - Aug 2017*
- **DURBAR SOFTWARE** Dhaka, Bangladesh
Senior Software Engineer *Nov 2014 - Apr 2015*
- **IT LAB SOLUTIONS LTD.** Sylhet, Bangladesh
Software Developer(While Doing Bachelor's) *Feb 2012 - Jun 2014*

TECHNICAL SKILLS

- **Languages:** Java, Python, Racket, C, C++, PHP, JavaScript
- **Databases:** Apache Solr, MySQL, MongoDB
- **Frameworks/Libraries/Others:** Spring Boot, Java Servlet, Docker, Jsoup, Scrapy, CodeIgniter, jQuery, Bootstrap3, Maven, WordPress, Git

PROGRAMMING BACKGROUND

- **Contest Participation:** IUT 4th National ICT Fest - 2012 • NSU ACM ICPC Dhaka Site - 2011 • SUST Inter-University Programming Contest – 2011 • IUT Inter-University Programming Contest – 2011
- Solved over 400 problems from different online judges such as LightOJ, UVa Online Judge, etc.

VOLUNTARY SERVICES

- **Treasurer:** Managing all the financial operations of the graduate student organization, Bangladesh Student Association (BSA) at UAB
- **Judge:** Served as a judge of the Summer 2023 Undergraduate Research Expo, UAB
- **Competitive Programming Instructor:** Conducted workshops on problem-solving especially using C and C++ with dedicated sessions on Data Structure and Algorithms at Leading University
- **Public Relation Officer:** Coordinated and managed several Intra-university programming contests for Leading University Computer Club (LUCC)