

# Tanveer Muttaqueen

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EDUCATION	Bangladesh University of Engineering and Technology (BUET) B.Sc. in Computer Science and Engineering (CSE) Feb 2016 - Feb 2021	Dhaka, Bangladesh
SKILLS	<p><b>Languages:</b> C, C++, Python, Java</p> <p><b>Problem Solving:</b> Solved 2000+ Algorithmic Problem in Multiple Online Platforms Using C++</p> <p><b>Frameworks:</b> Django, Pandas, Numpy, Pytorch</p> <p><b>Databases:</b> PostgreSQL, AWS DynamoDB</p> <p><b>Tools:</b> Git, Linux Shell Script</p>	
EXPERIENCE	<b><u>PriyoSys Ltd.</u></b> Software Engineer	Feb 2021 - Present Dhaka, Bangladesh
	<ul style="list-style-type: none"><li>Designed and coded a serverless system supporting rapid query and insert of news to serve nearby news given latitude and longitude with average response time of 100 ms. <i>Tools used: Python, Geohash, AWS Dynamodb, AWS lambda.</i></li><li>Worked on a bidding and selling website. Added autobid feature so users can automatically race upto a certain threshold against the top bidder. Added a sales subsystem where users can buy a product directly instead of bidding. <i>Tools used: Celery, Redis, Django, Django REST Framework, Postgresql.</i></li><li>Integrated serverside PayPal payment method in their priyo pay system. <i>Tools used: Django, PayPal Order API, Postgresql.</i></li></ul>	
	<b><u>Bangladesh Olympiad in Informatics</u></b> Scientific Committee Member and problem setter	Sept 2019 - Nov 2020 Dhaka, Bangladesh
	<ul style="list-style-type: none"><li>Set data structure and tree based problems in divisional and national contests.</li></ul>	
	<b><u>Bangladesh Association of Problem Setters (BAPS)</u></b> Problem setter	Mar 2020 - Present Dhaka, Bangladesh
	<ul style="list-style-type: none"><li>Set problems for national contests and ICPC Dhaka, 2021 preliminary contest.</li></ul>	
AWARDS	<ul style="list-style-type: none"><li><b>ACM ICPC:</b> <a href="#">World Finalists</a> (2019), <a href="#">4th</a> (Dhaka Regional, 2019), <a href="#">2nd</a> (Dhaka Regional, 2018), <a href="#">5th</a> (Dhaka Regional, 2017), <a href="#">5th</a> (Dhaka Regional, 2016)</li><li><b>Codeforces:</b> <a href="#">Max Rating 2085 (Top 3.2%)</a> (handle: <a href="#">t.muttaqueen</a> )</li><li><b>Codejam:</b> <a href="#">Ranked 1112 (Top 3.1%)</a> in 2019 and <a href="#">1397 (Top 5.7%)</a> in 2018</li><li><b>National Programming Contests:</b> Within <a href="#">Top 3</a> in Multiple National Programming Contests.</li><li><b>Awards for Academic Excellence:</b> Dean's Honor List, University Merit Scholarship in multiple terms in BUET.</li></ul>	
SELECTED PROJECTS	<p><b>Academic Project:</b> <a href="#">Search Engine</a> (Aug 2016 - Sept 2016) Built a Crawler, Indexer and a Simple Search Engine interface.</p> <ul style="list-style-type: none"><li><i>Technology/Tools:</i> Java, Multithreading, Networking</li></ul> <p><b>Academic Project:</b> <a href="#">Tour Planner</a> (Mar 2019 - May 2019) Tour Planner website. Takes user preference and shows a detailed tour plan.</p> <ul style="list-style-type: none"><li><i>Technology/Tools:</i> Python, Django, SQLite, Map API, Weather API</li></ul>	
RESEARCH EXPERIENCE	<p><b>Undergraduate Thesis</b> (Apr 2019 - Nov 2020) under <a href="#">Dr.Rifat Shahriyar</a> on Code Search and Summarization Using Deep Learning Using Sequence to Sequence models (LSTM, TRANSFORMER) to summarize and search code in code-base.</p> <p><b>Status:</b> Completed and published a <a href="#">paper</a> in ACL Findings, 2021..</p>	