

Curriculum Vitae of Hasib UI Alam

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Professional Experience

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|-------------------|--|
| 12/2022-present | Intern DevOps Engineering
Mercedes Benz Mobility <ul style="list-style-type: none">- Working on Ray Serve, Docker, GitHub Action, Python for model serving |
| 10/2022-11/2022 | Intern Database
Sutamize GmbH <ul style="list-style-type: none">- Migrating relational schema from MySQL to Postgres.- Updating MySQL database |
| 04/2019- 11//2022 | Student IT Assistant
Collaborative Research Centre/Transregio 63; Berlin, Germany <ul style="list-style-type: none">- Maintaining website created with typo3.- Creating script to collect publication Data (Python) |
| 08/2018 - 03/2020 | Student Assistant (Dept of Computer Science)
Kiron - Open Higher Education; Berlin, Germany <ul style="list-style-type: none">- Searching and evaluating CS courses from MOOC. |
| 03/2018 - 06/2018 | Data Analytics Engineering Intern
Kayak; Berlin, Germany <ul style="list-style-type: none">- Automating a process to add new users to multiple websites using Python, and Selenium.- Creating reports by pulling data from databases using SQL and reshaping them using Panda. Used Html CSS and Jinja2 to create reports.- Extracting data from different sources and merging them to create new data sources. |
| 09/2012 - 04/2016 | Instructor (part-time)
Ahsanullah University of Science & Technology; Bangladesh <p>Responsible for teaching the following courses:</p> <ul style="list-style-type: none">- Algorithms, Elementary Structure Programming, Introduction Computer System |
| 05/2012 - 08/2012 | Jr. Software Developer
Dynamic Solution Innovators (DSI); Bangladesh <ul style="list-style-type: none">- Design, implement and integrate new features according to analysed feature requirements- Analyze and optimise existing Database queries |

- Tools Used(included but not limited to): Java, Spring 2, SQL

Academic Works

10/2014 - 04/2015 Conference Paper	"Gene Transfer: A Novel Genetic Operator for Discovering Diverse-Frequent Patterns" , S. Khatun, H. U. Alam , M. A. Rashid, S. Shatabda, Australasian Joint Conference on Artificial Intelligence 2015, Vol. 9457, pp. 309-316. [DOI: 10.1007/978-3-319-26350-2_27]
06/2012 Bachelor Thesis	Association Rule Mining with Apriori Algorithm Summary: Implement and study modifications of Apriori algorithm to find the optimum method
Courses completed in MS	Advance Information Management 1, Advance Information Management 2, Information Management Seminar, Advance Information Management Project, Database Technology, Process Mining, Model-Driven Software Engineering, Cloud Computing, Advance Web Technology, Data Science 1: Essentials of Data Programming, Advanced Information Modeling.
Some Course Projects	<ul style="list-style-type: none"> - Evaluation of image processing libraries(TensorFlow, Keras, PyTorch) for object detection and classification(python) - Integration of Heterogeneous Data and Analytics in The Medical Domain (python, elasticsearch) - Cable Network Operation Management System(Java, Oracle 10g)

Education

10/2017 - Present	Computer Science (M.Sc.) Technische Universitaet Berlin
04/2008-07/2012	Computer Science & Engineering (B. Sc.) Ahsanullah University of Science & Technology

Technical Knowledge & Certificates

Certificates	<ul style="list-style-type: none"> - Big Data Systeme From HPI (University of Potsdam) - Database Management and Administration From Bangladesh Korea Information Access Center (IAC)
Programming Languages.	Python, Java, C, SQL, HTML, CSS.
Tools, Frameworks & Misc	Relational Database(Postgres, MySQL, Oracle), Jupyter Notebook, NumPy, Flask, Jinja, MapReduce, Git, Docker, Github Action.

