

Sanzila Hossain Tuya

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Experiences

Accure Battery Intelligence GmbH — Working Student (Software Developer)

January 2022 - Present

Expertise: React, Redux, Webpack, npm, Git, Looker Dashboards.

Safion GmbH — Working Student (Software Developer)

April 2021 - September 2021

Expertise: Dash, Bootstrap, Python.

RWTH Aachen University — Student Assistant(HiWi)

March 2021 - March 2022

Institute for Automation of Complex Power Systems

Expertise: Node js, Blockchain Network, Smart Contract, Docker.

RWTH Aachen University — Student Assistant(HiWi)

August 2020 - December 2020

Institute of General Mechanics

Expertise: Julia.

Naztech Inc Ltd., Dhaka, Bangladesh — Graduate Trainee

January 2019 - July 2019

Expertise: Java.

Tula's Institute, Dehradun, India — Intern

February 2018 - March 2018

Expertise: Basics of Data Mining with Elki.

AIIESEC, Dehradun, India — Volunteer

February 2018 - March 2018

Expertise: International Communication.

Education

RWTH Aachen University — Master's in Software System Engineering

September 2019 - January 2024 (Estimated)

Grade 2.3 (88 credits)

American International University Bangladesh — Bachelor's in Computer Science and Engineering

August 2014 - December 2018

CGPA 3.45 on the scale of 4.00 (148 credits)

German scale 2.1

Projects

[Portfolio \(personal website\)](#) -

Angular

[CNE SAT Solver](#) - Angular (UI),

Node JS (backend)

Skills

Languages: C++, C, Python, Julia, PHP, JavaScript.

Web Technologies: Angular, React, Redux, Node JS, Dash, Webpack.

Styling: HTML, CSS, Bootstrap 4, Looker Components.

Version controls: Git.

Tools: VS Code, Looker, Docker, MATLAB, LaTeX, Fusion360.

Profiles: [GitHub](#), [URI](#), [UVA](#), [Codeforces](#)

Portfolio: <https://biraltuya.github.io/>

Awards & Participations

- **Runners Up** at ICT Quiz at AIUB CS FEST 2017

Ranked 5th at AIUB Girls Programming Contest 2017

International Collegiate Programming Preliminary Contest 2017 (Team: AIUB_BlackOs)

National Collegiate Programming Preliminary Contest 2017 (Team: AIUB_BlackOs)

International Collegiate Programming Preliminary Contest 2016 (Team: AIUB_Crackerz)

Advance Python Programmer and Django Developer (Certified by CISCO) AIUB

Research Work

Master Thesis: Development of a Verifiable Computation Algorithm for Off-the-Ledger Allocation of On-Demand Processing of Power System Automation Algorithms. (Ongoing)

Technologies: Blockchain, Ethereum, Smart Contract, NodeJs, Docker.

Languages

Bengali - Native Proficiency

English - Professional (B2)

German - Beginner (A1)