

# A S M Taseen

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## SKILLS

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**Languages:** Javascript, HTML, CSS, Python, C

**Frameworks and Tools:** React, Redux, Firebase, Bootstrap, three.js, particle.js, p5.js, Material UI

**Developer Tools:** Git, Github, Figma, VS Code, Jupiter Notebook

## PROJECTS

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### EvenJobs

- Built an online job search platform for the odd/part-time job sector in Bangladesh using **React**.
- Set up email/password authentication for the users using **Firebase**.
- Used **useState**, **useEffect**, and **Redux** for dealing with state management and lifecycle methods during the user's login, logout, and posting operations.
- Integrated **Cloud Firestore** to **collect** the job postings made by the people/employers on the forum.
- Set up emailing methods so that the job seekers and employers can **connect** with each other for further procedures.
- Deployed the app on **Firebase** to make it a running website for the targeted sector.
- **92%** Performance, **100%** Accessibility, **100%** Best Practices, and **100%** SEO on Google Lighthouse Audits.

### Algorithmia

- Worked in a team of four to design and develop a blog which hosts aesthetic visualizations of computational algorithms using Javascript libraries.
- Worked on the 3D animations of cards on the **second page** of the website using vanilla Javascript and AOS library.
- Implemented the visualization of Phyllotaxis pattern using p5.js.
- Hosted the website so that users can benefit from it and can **contribute** to the blog with any visualizations of their own.

### Crypto Tracker

- Built a web app using **React** where people can find a list of all the cryptocurrencies and other information (rates, market capital, etc.) related to the individual coins.
- Utilized the **Axios** library to get data on cryptocurrencies from a **REST API**.
- Created a completely functional search bar to **ease** the process of filtering through the coins.

### Foton

- Worked on the UI/UX of an app idea that helps users keep track of their solar energy consumption and pay the bill for it.
- Designed the pages and prototyped the app using Figma.

## EXPERIENCE AND LEADERSHIP

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### Mastermind School

*Vice President, Science Society*

*Dhaka, Bangladesh*

*Sept 2019 – Aug 2020*

- Hosted weekly workshops to motivate more than **45** junior students towards mathematics and science Olympiads.
- Organized one of the largest inter-school science carnival of Dhaka, with over **700** participants.

## EDUCATION

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### University of Waterloo

Bachelor of Computer Science, Honours

Dean's Honors List, Fall 2020

*Sept 2020 – Apr 2025 (expected)*