

Abrar Galib Zaman

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WORK EXPERIENCE

Abu Dhabi University

Abu Dhabi, UAE

Research Assistant

Oct 2023 - Present

- Collaborating with my Electrical Engineering Professor, an associate provost for research and academic development, on cutting-edge projects to advance knowledge in the field, providing valuable experience in both electrical engineering and academic development.

Crown Phoenix Marketing Consultancy

Abu Dhabi, UAE

Web Developer

Dec 2023 - Present

- Actively contribute to web development projects, utilizing programming skills and creativity to enhance user experiences and ensure seamless functionality.

JPMorgan Chase & Co.

Remote Internship

Agile Project Management

Sep 2023 - Dec 2023

- Drafted eight user stories using Trello and prioritized them by estimating the relative level of effort required.
- Ran the Scrum team's daily standup to effectively plan the day and energize the team members.
- Conducted a sprint review to gather feedback on the Scrum's work and a sprint retrospective to align on opportunities for improvement in future sprint

JPMorgan Chase & Co.

Remote Internship

Advanced Cybersecurity

Aug 2023 - Dec 2023

- Implemented access control and ensured robust application security hygiene.
- Developed and optimized data structures, conducted exploratory data analysis, and maintained email security fundamentals.
- Leveraged open-source tools, applied text-based ML models, and contributed to secure web application development.

Goldman Sachs

Remote Internship

Software Engineering

Oct 2023 - Dec 2023

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.

Mastercard

Remote Internship

Cybersecurity

Nov 2023 - Dec 2023

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

Hewlett Packard Enterprise

Remote Internship

Software Engineering

Sep 2023 - Dec 2023

- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application in Java Spring Boot that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my Java Spring Boot application's performance.

Cognizant

Remote Internship

Artificial Intelligence

Aug 2023 - Dec 2023

- Completed a job simulation focused on AI for Cognizant's Data Science team.

- Conducted exploratory data analysis using Python and Google Colab for one of Cognizant's technology-led clients, Gala Groceries.
- Prepare a Python module that contains code to train a model and output the performance metrics for the Machine Learning engineering team.
- Communicated findings and analysis in the form of a PowerPoint slide to present the results back to the business.

EDUCATION

Abu Dhabi University

Abu Dhabi, UAE

Bachelor's Of Science - Computer Engineering

TECHNICAL SKILLS

Languages: TypeScript | HTML5 | CSS3 | SCSS | JavaScript ES6+ | Java | MATLAB | Python | Linux

Frameworks: React | Next.js | Material-UI | Ionic

Technology: NPM | Git | React dev tools | Firebase v9 | GitHub | ESLint | Vercel

Other: Object Oriented Programming | Cloud Computing | SIEM | IDS | SQL | DRCS | IaaS | PaaS | SaaS | DevOps | Data Structures & Algorithms

PROJECTS

University Course Final Project

Abu Dhabi, UAE

Car Rescue Application

Apr 2023 - Jun 2023

- A user-authenticated car rescue app with optimized cross-device compatibility, featuring precise location tracking, real-time directions using Google Maps API, and indoor localization for vehicles in large indoor spaces.

Personal Web Development Project

Abu Dhabi, UAE

Tesla Clone

Jul 2023 - Jul 2023

- A fully responsive Tesla clone offering an immersive user experience mirroring the original website, showcasing detailed information, visuals, and interactive elements of Tesla car models, seamlessly optimized for diverse devices and screen sizes.

CERTIFICATIONS

Google Cybersecurity Professional Certificate

Jul 2023

IBM Full Stack Software Developer Professional Certificate

Jul 2023

Introduction to Machine Learning On AWS

Jul 2023

Data Structures By UC San Diego

Jul 2023

Algorithms By Stanford Online

Jul 2023

IBM AI Engineering Professional Certificate

Aug 2023

Cisco CCNA V7 Certificate

Dec 2023