

# Farhan Soomro

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## EDUCATION AND HONORS

Georgia State University Atlanta, GA

Expected Dec 2024

Bachelor of Science in Computer Science

GPA: 3.69

**Awards:** President's List (Spring 22) | Dean's List (Fall 21) | 100% Presidential Scholarship Recipient | National Debate Champion

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## TECHNICAL SKILLS

- **Programming Skills:** Java | Python | C++ | HTML | Linux Shell Script | ReactJS | Dart | mySQL | Testing
- **Developer Tools:** Git | Flutter | Android-Studio | Flask | JSON | Rest APIs | AWS Cloud | CNN Machine Learning | Firebase

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## PROJECTS

Transitify – UGAHackathon 8 | Flutter, Dart, Rest APIs, Android-Studio, JSON

February 2023

- Designed and built a mobile app in Flutter using Dart which promotes the use of public transport and demonstrates its cost effectiveness and eco-friendliness.
- Incorporated Google Maps, Directions, Location and MARTA API parsed through JSON to provide real-time information on distance, travel time, public transport vehicle and route options to the user's destination.
- Employed Machine Learning (ML) predictive models trained on year-long crash data for % chance of accident on highway to incentivize user to use train and avoid traffic while saving on carbon emissions.

Nixor Financial Services – CodePath Bootcamp | HTML, CSS, JavaScript

February 2021

- Developed a multipage website for our student-run financial services entity featuring our products such as our Digital Wallet and events such as our annual entrepreneurial summit.
- Employed technical writing to describe our Digital Wallet app on the Android Store and present success metrics on services.
- Proficient in HTML, CSS, and JavaScript for website development and design, including responsive design for optimal UX.

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## WORK EXPERIENCE

**Proteens by TEDDict** Karachi / EdTech Startup

January 2021-Jan 2023

Technology Associate / Project Manager | *Firebase, Stripe POS, React Native*

- Managed a team of 11 in operations - event planning - applying to grants - curriculum design - app launch - customer acquisition - sales funnel design - social media marketing.
- Assisted operations of a 5-member scrum team building the Proteens app from development to deployment on React Native for both Android and iOS.
- Utilized project management tools such as Clickup and Excel Sheet Gantt Charts to structure the company's workflow.
- Worked with Facebook ads manager to generate 700+ leads to convert into customers.

**Octave Built** Alpharetta / Luxury Homebuilder & Developer

May 2023 – Aug 2023

Web Development Intern | *Shell Script, UI Design, ReactJS, Supabase*

- Leveraged Supabase (open-source database) utilizing its API endpoints to generate reiterative website pages in real-time.
- Converted HTML static website pages to Hugo markdown text files achieving an intuitive low-code content update system.
- Utilized React's component-based architecture to integrate with Supabase and achieve modular design and easy maintenance.
- Deployed JSON code to retrieve and display dynamic data on webpages.

**Cirrus Labs** Alpharetta / AI Ops & DevOps

Aug 2023 – Current

AI Technology Intern | *Open-Source Research, Technical Writing, CNN, Testing, Dataset Training*

- Utilizing open-source deep-learning algorithms to develop document fraud detection software as a website front-end.
- Leveraging ML models with cosine similarity algorithms alongside OCR, OBR and CNN (convolutional neural networks).

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## COMMUNITY INVOLVEMENT

**Youth City Welfare Society** Karachi, Pakistan

Jan 2022 - Present

Board Member

- Co-founded a youth-run non-profit charity organization dedicated to aiding vulnerable communities of Pakistan.
- Organized flood relief drives distributing clothes and rations for 150+ displaced during recent climate change catastrophe.
- Galvanized funds for the building of 3 wells to collect rainwater in crucial districts to prevent future urban flooding.