# Niaz Baharudeen

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## EDUCATION

**Temple University**                                                                               Philadelphia, PA
*Bachelor of Science in Computer Science*                                                            *May 2024*

## EXPERIENCE

**Undergraduate Research Assistant**                                                  March 2024 – May 2024
*Temple University*                                                                                 *Philadelphia, PA*
- Annotated thousands of scientific flow charts and diagrams using Label Studio with true and false statements to train a machine learning model to generate its own and annotate original research conducted at the university

**Teaching Assistant**                                                           September 2023 – May 2024
*Temple University*                                                                                 *Philadelphia, PA*
- Held recitation for 25+ students to go over prior material, such as linear algebra, and administer quizzes
- Offered constructive, individually tailored feedback on student submissions to further facilitate learning

## CERTIFICATES

**Cook Systems FastTrack Java Program**                                                             June 2025
**Google Cybersecurity Professional Certificate**                                              December 2024

## PROJECTS

**Cloud Resume Challenge** | *AWS, Angular, Python, TypeScript, Github Actions*        February 2025 – Present
- Developed a personal website in Angular to host this resume and display an all-time count of visitors to the site
- Utilized AWS SAM to create a Lambda function to update the visitor count, a DynamoDB table to store said count, and a REST API to deliver the count to the front-end
- Implemented a GitHub Actions workflow to automatically run tests and deploy the AWS SAM infrastructure
- Reduced website loading time by creating a CDN in CloudFront to serve images

**Project Management Dashboard** | *Angular, Spring, TypeScript, Java, Git*            June 2025 – July 2025
- Optimized administrative tasks and workflows for companies by creating an application using Angular and Spring to allow for the management of company announcements, teams, projects, and users
- Ensured core functionality by letting administrator-level users create, edit, and delete announcements, teams, projects, and users
- Used CSS and Material Design to create aesthetically pleasing and responsive pages for the application that works seamlessly for desktop and mobile devices
- Developed a back-end API in Spring to allow for the retrieval, creation, revision, and deletion of announcements, teams, projects, and users

**Quizify** | *Angular, Spring, TypeScript, Java, Git*                                June 2025 – July 2025
- Engaged users in exciting gameplay by creating a Spotify guessing game in Angular that tests the user on the artists they follow and their top songs
- Generated focused quizzes by using the Spring backend to make calls to the Spotify API and parse the information about the artist and their tracks into questions that accept multiple choice or text input
- Implemented a leaderboard to record the names and scores of each player after the completion of a quiz
- Ensured customizability of the user experience by developing a settings page where the user can decide to enable background music to be played during gameplay and choose whether to answer multiple choice (easy) or text input (hard) questions

## TECHNICAL SKILLS

**Languages**: C, Java, Python, Kotlin, TypeScript, JavaScript, HTML/CSS, SQL
**Frameworks**: Angular, Spring, React.js, Node.js, Electron.js, Flask, JUnit
**Developer Tools**: Git, GitHub Actions, AWS, Maven, JIRA, tcpdump, Wireshark, PostgreSQL
**Libraries**: Lombok, MapStruct, OpenMP, MPI, pandas, NumPy, Matplotlib, Scikit-Learn, PyTorch