ROHAN BAWA

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OBJECTIVE

Third year Bachelor of Science in Computer Science degree candidate with a background in Human Computer Interaction and Artificial Intelligence. Looking for a software development research position for Spring and Fall 2020.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing   **Atlanta, Georgia**
Bachelor of Science in Computer Science   *May 2021*
- Concentrations: People and Intelligence   GPA 3.7
- Zell Miller Scholarship Recipient
- Relevant Courses: Data Structures, Artificial Intelligence, Objects and Design (Android Development)
- Currently Taking: Machine Learning, Algorithms, Junior Design

UNIVERSITAT POLITÈCNICA DE CATALUNTYA   **Barcelona, Spain**
GT Computer Science Program   *May 2019 - July 2019*
- Relevant Courses: Database Systems, User Interface Design, Computing and Ethics

EXPERIENCE

LEASEPLAN USA   **Alpharetta, Georgia**
Information Technology Intern   *May 2018 – July 2018*
- Worked with a team of developers to create 2 web applications using JavaScript and agile methodologies
- Wrote SQL queries to aggregate and analyze vehicular data stored in an internal database
- Trained & implemented a chatbot on the MyLeaseplan app using Microsoft's machine learning service, LUIS
- Responsible for locating and accessing more than 30 vehicle telematics datapoints using Geotab, a third-party API

COLLEGE OF COMPUTING   **Atlanta, Georgia**
Undergraduate Teaching Assistant   *August 2018 – Present*
- Conducted a 1.5 hour weekly recitation for 50 students to review concepts learned in Intro to Computing in Python
- Assisted students with homework & answered questions during weekly office hours (3 hours) as well as through email
- Created an autograder in Python to grade students' homework automatically which reduced grading time by 90%
- Collaborated closely with the professor and other TAs in coming up with weekly homework and monthly exams

PROJECTS

BARCELONA METRO SYSTEM   **Barcelona, Spain**
Web Application   *Summer 2019*
- Created a fully functional web application modeling the Barcelona metro system using SQL, HTML, and Flask (python)
- Users are able to add, remove, and edit data stored in the database using the front-end GUI (HTML and CSS)
- Application is able to authorize login credentials, create users, add lines, add stations, leave reviews, etc.

DONATION TRACKER   **Atlanta, Georgia**
Android Application   *Fall 2018*
- Collaboratively designed an Android application to track donations made to many different donation facilities
- Enabled location services and developed a map view as well as integrated the Google Maps API for directions
- Followed agile methodologies and created various software architecture diagrams modeling the project

LEADERSHIP

ATL TAMASHA – DANCE COMPETION   **Atlanta, Georgia**
Head Liaison, Marketing Chair   *April 2018 – Present*
- Led a group of 26 liaisons as they support their respective teams to facilitate an intercollegiate dance competition
- Coordinated efforts between executive board and liaisons during the competition organizing process
- Redesigned our website and created flyers, videos, and other promotional materials to encourage social media engagement

SKILLS/INTERESTS

Technical: Python, Java, C, D3, SQL, HTML, JavaScript, CSS   **Skills:** Graphic Design, Adobe Creative Cloud
Languages: English (fluent), Hindi (fluent), Spanish (proficient)   **Activities:** GT Qurbani Dance Team, Guitar