

Job Seeker Columbia, MD Authorized to work in the US for any employer Work Experience Pose CAPTCHA Implementation in Web Apps March 2018 to April 2018 Developed a small Blogging website with Django and implemented the CAPTCHA, which involved Pose Estimation.

Designed a more secure and intuitive approach of CAPTCHA that makes access harder for robots/bots and easy for humans with the help of ML/DL models and Computer Vision. Python Developer - Internship Broadcast Wearables Pvt Ltd - Hyderabad, Telangana March 2018 to March 2018 Worked on developing a patent pending idea with python using OpenCV, Tensorflow and Django. Created web interfaces and UI used to interact with webcams for Pose Estimation.

Student Research Member Vardhaman College - Hyderabad, Telangana January 2018 to March 2018 Practiced and covered basic image processing operations. Helped in calculations, data processing and organization for professors. Formed tables and graphs of the required data obtained after passing through algorithms using pandas and matplotlib modules in Python.

Software Developer - Internship Host Analytics Inc - Hyderabad, Telangana June 2017 to December 2017 Worked on ADC server and in-house OLAP server solutions. Reported to Supervisor and attended SCRUM meetings to work on and build additional features. Maintained and developed code in a git repository and pushed those updates after code review. Host Analytics R Studio August 2017 to August 2017 Predictive Budgeting Aug 2017 Implemented Machine Learning algorithms (Correlation and Anomaly Detection) using R to test data that shows optimal test case scenarios in R Studio. Gathered Data to test the prototype model and show case scenarios.

Developed RESTful API's in C# .NET Framework to use R machine learning logic in the Host Analytics Cloud EPM suite for financial reporting to predict future budget plans based on the previous ones. Reviewsis, Twitterment March 2017 to March 2017 Implemented NLP and

sentiment analysis with the texblob Python module. Developed a Tkinter interface to extract and perform analysis on tweets obtained from Twitter APIs. Student Internship Spyry Technologies - Bengaluru, Karnataka December 2016 to January 2017 Covered various cyber security related topics in live environments. Cracked into a client's website to report flaws and patch them.

Presented a report and presentation on what I did in the internship. Glitch Website 2016 to

December 2016 Created a website to demonstrate website vulnerabilities and how to patch them up. Technolites Website September 2016 to September 2016 Worked with a team in full stack development involving HTML, CSS, Bootstrap, Javascript, and PHP. Clickerr July 2015 to July 2015 Developed a windows application game in Visual Studio C# .NET Framework at a Hackathon. Application tracked clicks in relation to time, which corresponded, to a high scoreboard. Education MS in Computer Science in Computer Science University of Maryland - Baltimore, MD May 2020 B.Tech in Information Technology in Information Technology Jawaharlal Nehru Technological University - Hyderabad, Telangana May 2018 Vardhaman College of Engineering Skills .NET (Less than 1 year), VISUAL STUDIO (Less than 1 year), C# (Less than 1 year), PYTHON (Less than 1 year), IMAGE PROCESSING (Less than 1 year) Additional Information Skills Programming Languages - C, Java, Python, C# - .NET Framework, SQL, JavaScript, PHP, R, Julia, Octave. Operating Systems - Windows, Linux, Mac. Software - Proficient in Microsoft Office Suite, Visual Studio, Linux Terminal, Sublime Text, Adobe: Premier Pro, After Effects & Photoshop, XAMPP, MySQL, MS SQL Server, Git, R Studio, Anaconda. OpenCV for image processing; pandas, scikit-learn and tensorflow for machine learning in Python. HTML, CSS and Web Frameworks - Django, Flask, AngularJS, NodeJS. Adaptive to other Web Technologies. Beginner with NoSQL databases like MongoDB.

Name: Brian Williams

Email: michaelallen@example.net

Phone: +1-229-667-0853x146