

AKSHAYE ANITHA PRADEEP

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EDUCATION

Texas A&M University (TAMU)

Master of Science in Computer Science

📅 May 2020

📍 College Station, Texas

National Institute of Technology

Bachelor of Technology in Computer Science

📅 May 2017

📍 Calicut, India

SKILLS

C++, Java, Javascript, React, React-Native



HTML, CSS/SASS, SQL



Ruby, Ruby on Rails, Python



PHP, PyTorch, Keras



EXPERIENCE

JP Morgan Chase and Co

Software Engineer

📅 July 2017 – July 2018

📍 Bangalore, India

- Member of Digital Technology Web UI development team
- Worked with OOJS as well as ES6, React and SASS/CSS
- Developed software in a strictly agile environment
- Built responsive as well as ADA compliant user interface for Chase Online
- Maintained 90% unit test coverage with Sinon, Chai and Mocha
- Trained new employees on Object oriented JavaScript programming

Summer Analyst

📅 May 2016 – July 2016

📍 Mumbai, India

- Performance Baseline of Java batch applications
- Developed a Java plugin to automate the above, hence reducing baseline creation time
- Evaluated different batch sizes for optimal performance

Quest Innovative Solutions Ltd.

Android Internship

📅 May 2015 – July 2015

📍 Kochi, India

- Developed an Android matchmaking application titled 'Datester'
- Gained a deep understanding of design process for a full application project
- Performed algorithm design and implementation in PHP (Server) and Java

PROJECTS

Human Robot Team Observation App

- A cross platform application to log robotics team details, built using React Native Javascript framework
- Teams can be monitored and the data can be exported as csv files as well as viewed later in the app

Study Tracker

- A web application to enter study goals, track time spent working on goals and to adjust schedules as and when needed
- Material-UI front end developed with Javascript with a Ruby on Rails backend

Person Reidentification in the Wild

- A deep learning model to find a matching person in a gallery of images for a given image using facial and bodily features
- Used a Residual Attention Network to achieve the following results: top1: 0.7732. top5: 0.9

Music Genre Detector

- An Android application that detects the genre of a song given as input
- Mel-Frequency Cepstrum Coefficients extracted from each song were trained on a three layer neural network by employing the Back-propagation algorithm

Canteen Management System

- A web application with which a canteen admin can keep track of monthly users and a canteen user can view his monthly expenses

LEADERSHIP

CSE Graduate Student Association

External Officer

📅 Aug 2018 - Present 📍 TAMU

- Responsible for communicating with other student organizations

Graduate and Professional Student Council

Delegate

📅 Aug 2018 - Present 📍 TAMU

- Representative of all graduate and professional students of the CSE Department

Paathshala

Co-founder

📅 Aug 2015- May 2017

- Tutored underprivileged children who had limited access to primary education