Parth Mehta

parthmehta24@utexas.edu | linkedin.com/in/parthmehta0210 | github.com/ParthM02 | Austin, TX | (469) 500-8663

EDUCATION

The University of Texas at Austin, Austin, TX   **May 2028**
Bachelor of Science in Computer Science
Relevant Coursework: Algorithms, Data Structures, Computer Architecture, Discrete Math, Statistics, Linear Algebra, Neural Networks, Computer Operating Systems

TECHNICAL SKILLS

- **Amazon Web Services** - S3, Lambda, DynamoDB, Kinesis, Athena, Glue, Sagemaker, Step Function
- **Languages** - Python, Java, C, Swift, AngularJS, HTML/CSS, Typescript, Terraform

WORK EXPERIENCE

State Farm, Richardson, TX   **Summer 2025**
Information Security Intern
- Designed and developed an access review employee dashboard for use by Executives using AWS Lambda, DynamoDB, S3, Kinesis, Athena, Glue, and Terraform.
- Contributed to the front-end development of a business-critical internal Web Application built in AngularJS, HTML/CSS, and TypeScript.
- Developed scripts using Python and Node.js to create custom datasets for data exploration within internal tools and services.
- Rewarded with the Good Act Award by management for my adaptability, willingness to learn, and innovation.

Express and Calvin Klein, Allen, TX   **Summer 2022 and Summer 2024**
Sales Associate
- Learned how to optimize customer experiences and drive business growth using various business techniques.
- Achieved a 90% conversion rate for new customers to join our loyalty program at Calvin Klein.

EXTRACURRICULARS

Amazon Web Services/Udacity, Remote   **April 2024 - August 2024**
AWS Machine Learning Fundamentals Nanodegree/Summer Program/Mentorship
- Used Python and AutoGluon to generate models that predict bike sharing demand using data from Kaggle.
- Designed and trained a Multi-layer Perceptron Neural Network to classify handwritten digits from the MNIST dataset using Python and Pytorch.
- Designed and trained a Convolutional Neural Network that classified landmarks and deployed it to an application.
- Used AWS services such as Sagemaker, Lambda, S3, and Step Functions to build and deploy an image classification model for a fictional client.
- Gained in-depth career and technical knowledge from a mentor at AWS.

Amazon Web Services/Udacity, Remote   **June 2023 - October 2023**
AI Programming with Python Nanodegree/Summer Program
- Designed and trained a Multi-layer Perceptron Neural Network using Python and PyTorch to classify plants and flowers.
- Obtained vast amounts of knowledge through the use of lectures curated by industry professionals as well as peer meetings.

PROJECTS

- **My World** – Developed but not published an iOS app using Swift called My World, where users can place text and images in a 3D space in Augmented Reality using ARKit and other Apple libraries.
- **Bubble Busters** – Developed a game similar to Toon Blast but with a bubbly twist using Python.

CERTIFICATIONS

- Introducing Generative AI with AWS (AWS, Machine Learning, Python, Bedrock, Partyrock)
- Google Cybersecurity (Python, SQL, Linux, SIEM, Network Security, Information Security)
- Data Analysis and Visualization with Python (Python Machine Learning)

STUDENT ORGANIZATIONS

Longhorn Developers, The University of Texas at Austin, Austin, TX   **October 2024 - Present**
UT Registration Plus Developer Team Member
- Improving and developing new features for UT's registration tool, used by over 60,000 students every year.

Association for Computing Machinery, The University of Texas at Austin, Austin, TX   **August 2024 - Present**
- Attended workshops and events where I learned more about the field and expanded my interests.

University Finance Association, The University of Texas at Austin, Austin, TX   **January 2025 - Present**
- Attended guest lectures given by esteemed representatives of the finance industry.