# Anitha Narnavaram

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## EDUCATION

**University of Florida** — Gainesville, FL
*Master of Science in Computer Science (Academic Achievement Award); GPA: 3.66/4.0* — *Aug. 2019 - May 2021*

**Madanapalle Institute of Technology and Science** — Madanapalle , India
*Bachelor of Technology in Computer Science & Engineering; CGPA: 8.52/10.0* — *Sep. 2014 - Apr. 2018*

## EXPERIENCE

**ScriptChain** — Boston, USA
*Software Developer Intern* — *Jun. 2020 - Aug. 2020*
- Migrated back-end services from MongoDB to GCP's BigQuery and developed test suites for the web services.
- Implemented secured APIs preventing any unauthorized access using Express Validator.
- Deployed platform onto the cloud, added new layers, and integrated the patient medical data.

**Andhra Pradesh State Skill Development Corporation** — India
*Software Engineer* — *Dec. 2018 - Jul. 2019*
- Implemented web applications in Angular, HTML, CSS at the same time doing complex query building in SQL.
- Built Forms, Events, Keys using angular components and tested APIs using Postman tool.
- Created the graphs using pure JS Highcharts library, layouts and components using Angular material design.

**Varenya Softech Pvt. Ltd** — Bangalore, India
*Executive Developer Intern* — *Dec. 2017 - May 2018*
- Developed new modules and optimized the existing modules by revamping.
- Interacted with potential clients to determine the technical solutions as part of design and development framework.

## PROJECTS

- **Credit Card Fraud Detection** Identified the frauds precisely by performing Data Preprocessing, Data Analysis on past data of 284,807 transactions. Achieved 99.97% accuracy for Gaussain Naive and used various models to analyze the accuracy of prediction rates.
- **Twitter Clone Interface** Developed a Twitter API using WebSocket implementation of WebSharper that has all the functionalities of Twitter. Facilitates the services for 2000 users with server that handles 6000 tweets per sec, verifies the load testing of API.
- **P2P File Sharing Software** Implemented P2P protocol in Java for file distribution among peers by choking and unchoking mechanism. A Server Index has been developed for arbitrary end systems communication and gives the scope for self-scalability.
- **Dog Breed Recognition Project(CNN Project)** Built a pipeline model to process real-world, user-supplied images that identifies the dog breed with OpenCV model. Achieved 7.177% through CNN implementation, and 83% accuracy using transfer learning after 20 epochs.

## PROGRAMMING SKILLS

- **Languages** — Python, Java, JavaScript, C, TypeScript, HTML5, CSS3, SQL, F#
- **Frameworks** — Angular 8, Express.js, Mocha, Chai.js, TensorFlow, Keras, Akka.NET
- **Tools and Databases** — Google Cloud Platform(GCP), Node.js, BigQuery, Oracle SQL Server, MongoDB, Git
- **Others** — Data Analysis, Data Exploration, SDLC, Test Driven Development, Design Thinking Coach

## ACCOMPLISHMENTS

- Serving as **University Innovation Fellow** of Stanford University d.School (Present)
- Facilitator and Volunteer for **Girls Who Code** (Present)
- Facilitator and Speaker of Design Thinking Workshop at **Google Developer's Day**, India (Dec. 2017)
- Selected as an Indian Delegate to **United Nations Youth Assembly** at United Nations. (Feb. 2018)
- Student Coordinator for **Student Quality Assurance Cell** (2015-2018)
- Facilitator of Design Thinking workshop for **Deshpande Foundation** and **Google DSC** (Feb. 2018)