

ANANTH SHREEKUMAR

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🌐 thiswasnttaken.github.io
🔗 github.com/ThisWasntTaken

EDUCATION

Integrated Master of Technology in Computer Science and Engineering

AUG 2016 - JUL 2021

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

BANGALORE, INDIA

- Integrated Bachelor's + Master's program, CGPA : 3.92 / 4.0

EXPERIENCE

American Express

AUG 2021 - PRESENT

SOFTWARE ENGINEER

BANGALORE, INDIA

Siemens Healthineers

JAN 2021 - JUL 2021

TECHNICAL INTERN

BANGALORE, INDIA

- Intern in the "Lab Diagnostics, Technologies for Precision Medicine" group.
- Implementation of a machine learning model to predict the onset of Sepsis in ICU patients.

PUBLICATIONS

- Ananth Shreekumar, Biswesh Mohapatra, and Shrisha Rao. 2020. Incorporating Autonomous Bargaining Capabilities into E-Commerce Systems. In *Proceedings of the 20th ACM International Conference on Intelligent Virtual Agents (IVA '20)*. Association for Computing Machinery, NY, USA, Article 51, 1–8. DOI:<https://doi.org/10.1145/3383652.3423865>
- Tarun Dutt, G.N.S. Prasanna, T.R. Dastidar, and Ananth Shreekumar. 2019. Towards Artifact Rejection in Microscopic Urinalysis. In *Medical Imaging meets NeurIPS 2019 workshop, 33rd Conference on Neural Information Processing Systems*. Vancouver, Canada. [\[PDF\]](#)

SELECTED PROJECTS

A Bargaining Agent for E-Commerce

AUG 2019 - DEC 2019

[PROF. SHRISHA RAO](#)

- Implementation of an E-Commerce Agent that has the ability to bargain with a user.
- Involves offering discounts, recommending product bundles, and evaluating counter-offers made by the user.
- Featured in an [article in www.technology.org](http://www.technology.org).
- Work accepted as a full paper at the 20th ACM International Conference on Intelligent Virtual Agents (IVA'20).

Open Set Recognition Methods for Microscopic Urinalysis

JAN 2019 - JUL 2019

[PROF. G N SRINIVASA PRASANNA](#)

- Open Set Recognition methods that accurately classify in-class samples and reject out-of-class samples.
- Created a novel approach that increased rejection accuracy by 10% while maintaining positive class accuracy at 85%.
- Work accepted at the Medical Imaging meets NeurIPS 2019 workshop, 33rd Conference on NeurIPS.

Privacy-Aware Dynamic Access Control Mechanism for Electronic Health Records

SEP 2020 - PRESENT

[PROF. T K SRIKANTH](#)

- Consent-based data-sharing of e-health data constrained by purpose and activity.
- Implementation of a prototype that supports privacy preserving operations in a distributed healthcare ecosystem.

- Implemented a schema in XMLSchema for Relational Database schemas at a meta-meta-data level.
- Implemented classes that parse an XML instance and create required tables, views and add appropriate constraints.

POSITIONS OF RESPONSIBILITY

Student Mentor

NOV 2020 - PRESENT

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

- Mentor to a group of freshmen as part of the institute's student mentorship program.

Student Ambassador

SEP 2020 - NOV 2020

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

- Promoted my institute on official channels as well as on social media.
- Provided support, encouragement and advice to prospective students.

Teaching Assistant

AUG 2019 - DEC 2019

MATHEMATICS FOR MACHINE LEARNING

PROF. AMIT CHATTOPADHYAY

- Responsibilities included handling tutorial classes, problem solving sessions, and evaluating answer scripts.

PRESENTATIONS & WORKSHOPS

20th ACM International Conference on Intelligent Virtual Agents

OCT 2020

ASSOCIATION FOR COMPUTING MACHINERY

- Oral and poster presentations of our paper *Incorporating Autonomous Bargaining Capabilities into E-Commerce Systems*.

Global Leader Experience, Bangalore

DEC 2019

COMMON PURPOSE

- Week-long program designed to build leadership and team working skills and to develop Cultural Intelligence.
- Worked with students of **King's Business School, London** to propose a novel solution for the waste disposal problem.

TECHNICAL SKILLS

Programming Languages : Python • C++ • C**Tools** : Git • Jenkins • Docker • GNUPlot • L^AT_EX**Data Science** : Pytorch • Scikit-Learn • Tensorflow • Keras**Others** : SQL • XML • Flask • Linux

HONORS AND AWARDS

Member of the [Dean's Merit List](#) at IIIT-Bangalore for outstanding academic performance.

2016 - 2021

Huawei Merit Scholarship

2019

IIIT-Bangalore Institute Merit Scholarship

2017, 18

TEST SCORES

GRE : Verbal : 160 / 170, Quantitative : 168 / 170, Analytical Writing : 5.0 / 6.0**TOEFL** : Overall : 115 / 120 - Reading : 30 / 30, Listening : 29 / 30, Speaking : 28 / 30, Writing : 28 / 30