YASASI ABEYSINGHE

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OBJECTIVE & SUMMARY

- Seeking an **Internship position** (Software Development, Research, or Data Science) for the Summer 2023.
- **Senior Software Engineer**, Sysco LABS, Sep 2020 - Dec 2021.
- **Software Engineer**, Sysco LABS, Jan 2019 - Sep 2020.
- **Engineering Intern**, LSEG Technology, June 2017 - Dec 2017.
- **PhD Candidate**, Expected graduation date: May 2026, Computer Science.

EXPERIENCE

Old Dominion University, USA
Graduate Research Assistant, Jan 2022 – Present
- Research on identifying objective measures using eye movements to effectively assess the engagement of fake news.
- Research on automatic feature extraction from papers for predicting reproducibility of scientific papers.

Sysco LABS, Sri Lanka
Senior Software Engineer, Sep 2020 – Dec 2021
- Developed the Event Platform 2.0 which provides the data streaming and processing capabilities to Sysco teams.

Software Engineer, Jan 2019 – Sep 2020
- Developed new features for the Event Platform 1.0.
- Developed new features for the API Central which provides API management capabilities to Sysco.

LSEG Technology, Sri Lanka
Engineering Intern, June 2017 – Dec 2017
- Built a tool to measure the compliance of each project team to Code Review Guidelines in LSEG Technology.

PROJECTS

Assess Fake News Engagement via Eye movements
📅 Jan 2022 – Ongoing   📍 Old Dominion University

Python | Pandas | NumPy | SciKit | Git
Research on analyzing eye movement data to identify reading patterns of participants and to identify objective measures using eye movements to effectively assess the engagement of fake news.
⸭ github.com/nirdslab/FakeNewsDataAnalysis

Automatic Feature Extraction from Scientific Papers
📅 Jan 2022 – Aug 2022   📍 Old Dominion University

Python | Pandas | NumPy | SciKit | Git
Research and development of extracting features such as table and figure references, gender diversity of authors, and novelty for predicting reproducibility of scientific papers.
⸭ github.com/lamps-lab/TableAndFigureReferenceExtractor
⸭ github.com/lamps-lab/GenderDiversityByAuthorNames

Event Platform
📅 Jan 2019 – Dec 2021   📍 Sysco LABS

Java | Maven | Kafka | AWS Kinesis | Avro | Python | NodeJS
Event Platform 2.0 provides the capability to ingest and consume serialized or binary data into/from Apache Kafka topics. Event Platform 1.0 is based on AWS Kinesis Streams.

API Central
📅 Jan 2019 – Dec 2021   📍 Sysco LABS

Google Apigee | Golang | Java | Kotlin | AWS | Docker | Git
API Central provides API Management capabilities to Sysco with the use of Google Apigee API Manager.

EDUCATION

Ph.D. in Computer Science
Old Dominion University, USA
Jan 2022 – May 2026 (Expected), GPA: 4.0/4.0

B.Sc. Engineering (Hons) in Computer Science & Engineering
University of Moratuwa, Sri Lanka
Oct 2014 – Dec 2018, GPA: 3.71/4.2
Specialized in Integrated Computer Engineering (ICE)

Diploma in Computer System Design
National Institute of Business Management, Sri Lanka
Oct 2013 – Oct 2014, Distinction

Diploma in English
Oxford College of Business, Sri Lanka
Sep 2013 – Jan 2014, Distinction

ACHIEVEMENTS

- **Graduated with First Class Honors - 2018**
  University of Moratuwa
- **CINTEC Award - Academic Year 2017/2018**
  University of Moratuwa
  Awarded to the student who has earned the highest marks for the Final Year Research

SKILLS

Languages: Python, Java, C/C++, JavaScript, HTML/CSS, Golang
Software: Maven, Docker, WEKA, Google Apigee, Github, Bitbucket, Jira
Database: MySQL, MongoDB
AWS: DynamoDB, RDS, S3, CloudWatch, EC2, AWS Lambda, CloudFormation
Data Streaming: AWS Kinesis, Apache Kafka
Frameworks: Pandas, NumPy, SciKit, Apache Avro
Operating Systems: Windows, MacOS, Ubuntu
Version Control: Git

SERVICES & OUTREACH

Leadership
- **Treasurer:** ODU CS Graduate Society (2022-23)

Volunteering
- **Mentor Assistant:** ODU REU in Disinformation Detection and Analytics program (Summer 2022)
- **Volunteer Judge:** Poster Session, ACM CAPWIC (2022)
- **Sub-Reviewer:** ACM CIKM (2022), IEEE Big Data (2022)
- **Conference Session Chair:** Information Retrieval Access Session, Online, ACM/IEEE JCDL (2022)