

Sanjeev Lingam-Nattamai

slingamn@purdue.edu || (360)-464-3560 || Olympia, Washington || slingam00.github.io

Education

Purdue University, West Lafayette Indiana

- Bachelor of Science in Data Science

May 2022
GPA: 3.84/4.0

Skills

- Knowledge of Java, Python, R, SQL, HTML/CSS/JS, C#

Relevant Experience

UPS

June 2019-
Aug. 2019

Software Engineering Intern

- Won the 2019 UPS Hackathon and presented the project to CIO Juan Perez
- Launched a cross-platform mobile application that significantly reduces the amount of time it takes for employees to identify whether trailers are in the correct position
- Eliminated potential delays of the expected delivery date of packages

Purdue University Data Mine

Aug. 2018-
Present

Member

- Generating histograms of NYC taxi, National Parks, and baseball data using R, SQL, and UNIX
- Producing cost analysis algorithms for different companies under the Krannert School of Management
- Networking with many Purdue faculty members from different departments about their research interests and how it incorporates machine learning,

Dark Matter Lab

Aug. 2018-
Dec. 2018

Research Assistant

- Collaborated with Dr. Rafael Lang in conducting research on dark matter
- Compiled a mass amount of dark matter waveform image data
- Retrieved a range of frequencies where dark matter could exist by parsing through data using Python

Projects and Competitions

Purdue Gender Pay Gap Study

July 2019

- Investigated the gender pay gap of all staff employees at Purdue University in 2018
- Found that the difference between male and female salaries was statistically significant using hypothesis testing and confidence intervals by leveraging R
- Published a Medium article on my statistical findings with data-driven analysis on the root causes of the gender pay gap

Eliminating the Shipping Label

June 2019

- Created a mobile application that scans QR codes and tracks that code with a shipment
- Replaced the stickered shipping label with printing an embedded QR code directly on the package
- Implemented an environmentally friendly and economically beneficial shipping model where each QR code is associated with a box and can be reused by the customer

Moody Mega Math Challenge

Feb. 2018

Team Leader

- Designed a plan to solve a rigorous math modelling problem that involved recycling food waste to food-insecure individuals
- Co-wrote a research paper that integrated various plots with explanations

Interests

- Rooting for Seattle and Purdue sports teams, hiking, camping, and watching comedy shows