Sanjeev Lingam-Nattamai

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Education
Purdue University, West Lafayette Indiana   May 2022
- Bachelor of Science in Computer Science – Data Science Major   GPA: 3.84/4.0

Technical Skills
- Java, Python, R, SQL, C#, XML, Git, HTML/CSS/JS, Bootstrap, Xamarin

Relevant Experience
UPS   June 2019 – Aug. 2019
Software Engineering Intern   Louisville, KY
- Launched a cross-platform mobile application that leverages Xamarin and significantly reduces the time it takes for employees to identify if trailers are in their correct position at facilities
- Eliminated potential delays of the expected delivery date of packages
- Chosen as the top intern project and presented to CIO Juan Perez

Purdue University Data Mine   Aug. 2018 – Present
Member   West Lafayette, IN
- Generate histograms of NYC taxi, National Parks, and baseball data using R and SQL
- Produce cost analysis algorithms with company data from the Krannert School of Management
- Network with Purdue faculty members and learn how their research incorporates machine learning, predictive analysis, and big data

Dark Matter Lab   Aug. 2018 – Dec. 2018
Research Assistant   West Lafayette, IN
- 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
Purdue Gender Pay Gap Study   July 2019
- Investigated the gender pay gap of all staff employees at Purdue University using 2018 data
- 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 root causes of the gender pay gap at Purdue

Eliminating the Shipping Label   June 2019
- Won the 2019 UPS Hackathon by creating a mobile application that scans and tracks QR codes
- Replaced the stickered shipping label by printing an embedded QR code directly on the package
- Implemented an environmentally friendly and economically beneficial shipping model that associates a unique QR code with each box

Personal Website   May 2019
- Created a personal website (slingam00.github.io) using HTML/CSS/JS and Bootstrap

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