Olympia, WA   **SANJEEV LINGAM-NATTAMAI**   (360)-464-3560
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EMPLOYMENT

Baseball R&D Intern   **Milwaukee Brewers**   **June 2020 – Present**
- Build and train a sentiment analysis model of player scouting reports using supervised machine learning
- Predict future contributions of each player with the sentiment result of their report
- Improve accuracy of the player scouting model in selecting amateur players

Research Assistant   **Schwab Reese Lab – Purdue University**   **Jan. 2020 – Present**
- Collaborate with Dr. Laura Schwab Reese in conducting research on the gender pay gap
- Create predictive models with salary data of male and female Ohio State University professors
- Analyze the differences in salaries among assistant, associate, and full professors

Teaching Assistant   **Computer Science Department – Purdue University**   **May 2020 – Present**
- Courses: Introduction to Data Science (CS 242), Introduction to Data Structures (CS 251)
- Develop homework, labs, and projects in Python for the CS 242 course
- Create videos on examples that supplement lectures and hold office hours to answer students' questions for the CS 251 course

Software Engineering Intern   **United Parcel Service (UPS)**   **June 2019 – Aug. 2019**
- Chosen as the top intern project and presented to CIO Juan Perez
- Launched a cross-platform mobile application that eliminates potential delays of the expected delivery date of packages
- Integrated the mobile application into production and is currently used by employees

EDUCATION

West Lafayette, IN   **Purdue University**   **Aug. 2018 – Present**
- B.S. in Computer Science – Data Science Major; GPA: 3.9
- Relevant Undergraduate Coursework: Data Science (Fall 2019); Data Structures (Spring 2020); Probability (Spring 2020); Linear Algebra (Spring 2020); Algorithms (Fall 2020); Machine Learning (Fall 2020); Statistical Theory (Fall 2020); Game Theory (Fall 2020)

TECHNICAL EXPERIENCE

Projects
- **BeatQ** (Oct. 2019). Built a web application that lets multiple people add songs to a music queue at a party using Flask at the DemonHacks hackathon in DePaul University
- **Purdue Gender Pay Gap Study** (July 2019). Investigated the gender pay gap of staff employees at Purdue using 2018 salary data using R, published a Medium article on findings and analysis.
- **Eliminate the Shipping Label** (July 2019). Implemented an economically beneficial shipping model that associates a unique QR code with each package at the 2019 UPS Hackathon
- **Content Development** (May 2020 – Present). Published two Medium articles introducing programming concepts and libraries in Python

AWARDS

- **First Place, Eliminate the Shipping Label:** Awarded 1st place for the Eliminate the Shipping Label project at the UPS Hackathon
- **Second Place, BeatQ:** Awarded 2nd place for the BeatQ project at the DemonHacks Hackathon

Languages and Technologies
- Python; R; Java; SQL; HTML; CSS
- Jupyter Notebook; RStudio; Microsoft SQL Server; IntelliJ; Visual Studio Code