

# Nayan James Jani

Westford, MA 01886

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## EDUCATION

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**University of Massachusetts Amherst, College of Social and Behavioral Sciences**, Amherst, MA. Exp. Graduation:: Jan 2024

**Masters Concentration:** Data Analytics and Computational Social Sciences

**Current GPA:** 3.70

**Relevant Courses:** Text as Data, Regression Models, Digital Behavior of Data

**University of Rhode Island, College of Arts and Sciences**, Kingston, RI. Graduated:: May 2022

**Bachelor of Science Concentration:** Data Science

**Current GPA:** 3.52, Dean's List: 2018, 2019, 2020, 2021, 2022

**Relevant Courses:** Machine Learning, Multivariate Statistical Learning, Big Data Analysis, Database Management

**Programming Languages:** Python, R, HTML and SQL

## EXPERIENCE

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Spring 2022

**Machine Learning Project at URI**, Kingston, RI

*Research Assistant*

- Designed a program in Python that estimated heterogeneous treatment effects using datasets that involve AIDS and breast cancer treatments as a part of my senior dissertation
- Implemented different meta learners in my program that could estimate the conditional average treatment effect to identify how to personalize treatment regimes
- Gained experience and knowledge in Causal Inference
- Discussed methodology weekly with research leader

Summer 2021

**Bora**, La Jolla, CA

*Business Development & Land Acquisition*

- Compiled data about potential locations using Google Maps
- Analyzed aggregated data to determine which locations are the busiest based on area busyness
- Company's goal is to bring to market an app based, self service beach chair rental service stationed at the most popular locations across the country
- Part of outreach campaign to early stage VC and angel investors

December 2018

**CS4RI Summit at URI**, Kingston, RI

*Presenter*

- Demonstrated and developed a visualization application for complex mathematical algorithms such as the Mandala Spirals. The application was presented to employers and professors for my freshman dissertation

Spring 2018

**Westford Academy Spring Recreational Basketball**, Westford, MA

*Youth Basketball Coach/League Co-Director*

- Organized and operated a Spring League consisting of 80 players with 3 student colleagues as part of my senior year internship
- Successfully coordinated a three month league for the Westford Youth Association. All surplus proceeds were donated back to the Westford Academy Girls Basketball Program
- Established online sign-up and jersey purchases
- Coordinated facilities and scheduling of refereeing staff

**REFERENCES AVAILABLE UPON REQUEST**