

# Prasidh Sriram

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## EDUCATION

### ARIZONA STATE UNIVERSITY

M.S. in Computer Science | Big Data Concentration

### RUTGERS UNIVERSITY, NEW BRUNSWICK

B.S. in Computer Science and Mathematics | AI Concentration

## CERTIFICATIONS:

Stanford University Product Management Certificate (May 2021)

Oracle Certified Java SE 8 Programmer (August 2019)

## EXPERIENCE

### FIT:MATCH FORT LAUDERDALE, FL

Data Scientist | Jan 2022 – Present

- Enhanced machine learning models capable of taking human body scans and predicting a user's clothing size based on 3D imaging technology, improving size prediction accuracy to over 90% and increasing company revenue by over \$1M ARR (Python, MATLAB, AWS Sagemaker, AWS Cloudwatch, Pandas, Numpy, Tensorflow).
- Developed analytics dashboard for internal and external stakeholders to view key business metrics and monitor ML models, achieving over 100 daily active users (Python, Angular.js, JavaScript, AWS S3, AWS Lambda).
- Worked cross-functionally with product managers, engineers, sales and marketing teams in an AGILE development environment to communicate data-driven results to apparel retailer clients.

### LABCORP SOMERSET, NJ

Data Scientist | June 2021 – December 2021

- Built machine learning models to predict the efficacy of prospective drug compounds, helping pharmaceutical companies determine the effectiveness 100+ prospective drug compounds (Python, R).
- Developed scripts to automate dataset generation and quality control process, decreasing product delivery timeline from 10 days average to less than 1 day (Python, R).
- Communicated with pharmaceutical company clients to make business decisions from data-driven results.

### MASTER'S ACADEMY TUTORING SOUTH BRUNSWICK, NJ

Entrepreneur | Startup | Jan 2017 – Present

- Developed company website to connect college tutors with students, scaling business from 2 students and 1 tutor to a network of over 100 students and 10 tutors in a 4-year time frame.
- Collaborated with students & parents to craft tutoring plans for students in Computer Science, Math, and Physics, leading to a median 15% increase in school subject performance.
- Recruited, trained, and coordinated team of 10 college tutors to handle growing client base.

## PROJECTS

### CLOTHING SIZE PREDICTION USING AI

August 2021 - October 2021

Developed, tested, deployed, and monitored machine learning models capable of taking a user's body measurements from their phone camera and predicting their clothing size with 90% accuracy, securing multimillion dollar business contracts for FIT:MATCH with leading clothing retailers. (Python, MATLAB, AWS, FIT:MATCH).

### ARTHRITIS DISEASE PREDICTION USING AI

August 2021 - October 2021

Built a B2B artificial intelligence algorithm that uses supervised learning to detect arthritis in patients 3 years prior to symptoms occurring, expediting clinical trials and reducing costs by an average of \$2 million for pharmaceutical companies testing new arthritis medications (Python, PathAI, LabCorp).

### ETHEREUM BLOCKCHAIN DEVELOPMENT

March 2022 - May 2022

Developed, tested, and deployed an ERC-20 smart contract on the Ethereum blockchain. This project implemented a custom cryptocurrency capable of sending/receiving currency across different MetaMask wallets in the blockchain. (Solidity, Course Project).

## SKILLS

PROGRAMMING LANGUAGES: Python • Java • C# • C/C++ • SQL • R • JavaScript • HTML • CSS • MATLAB • Solidity

FRAMEWORKS: AWS • Azure • Google Cloud • React.js • Node.js • Angular.js • NumPy • Pandas • TensorFlow • SKLearn

INTERESTS: Technology • Fitness • Travel • Stock/Crypto Investing • Basketball • Reading