

Shreyas(Shrey) Keerthi

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837 Hudson St, Hoboken NJ, 07030

U.S. Citizen

EDUCATION

Stevens Institute of Technology, Hoboken, NJ — B.S. Computer Science Major, Quantitative Finance Minor

August 2019- Expected May 2023

Coursework: Data Structures & Algorithms, Probability & Statistics, Linear Algebra, Inferential Statistics, Database Management Systems, Discrete Structures, Web Programming

Current GPA: 3.6/4.0

Activities: IEEE, Stevens Computer Science Club, Google Developer Students Club, Attila Entrepreneurs, Phi Sigma Kappa (Technology Chair)

SKILLS

Python, SQL, R, Pandas, NumPy, Java, MongoDB, C++, C, Matlab, NoSQL, Git, Microsoft Excel, Google Suite, HTML, JavaScript, Objective-C, Swift 5, OCaml

EXPERIENCE

Track With Ease — Business Intelligence & Data Analytics Intern

October 2021 – Current

- Converting existing python methods into SQL queries in order to access data from MySQL databases instead of csv files and plotly
- Implementing Looker and NoSQL to build business intelligence dashboards for clients and management
- Analyzing data using Python libraries such as Pandas, NumPy, Matplotlib, and GraphQL.

Stevens Institute of Technology, Hoboken, NJ — Lead Research Assistant & Data Analyst

February 2021 – August 2021

- Used python libraries to clean and parse data in order to develop machine learning models which used PCA and SVM to develop an algorithm which can use facial markers to detect emotional state.
- Analyzed data using Python libraries such as Pandas, NumPy, Matplotlib to perform statistical analyses
- Validated the model by using statistical methods and comparing it to the readings from an EEG device and found correlations within the data.

Herded Technologies — Data Analyst

April 2020 – August 2020

- Worked with datasets regarding SARS-COV-2(COVID-19) from many sources including the CDC and created scripts to parse the CSV spreadsheets.
- Used python libraries to clean and parse data in order to develop machine learning models in order to gain better understanding of the research hypothesis and determine the accuracy and correlation between hypothesis, the model, and untested data.
- Created a regression model which used bioinformatic data from the CDC to determine individual COVID 19

hospitalization rates and more.

STEAMWORKS, Edison, NJ — Head Python Teacher

June 2018 – January 2019

- Prepared python lesson plans from turtle to data structures, teaching students from elementary school to high schoolers teaching students critical thinking and clean coding practices.

PROJECTS

Pryv8.i — Founder

January 2020 – March 2020

- Developed a stock screener which conducted weekly technical analysis and emailed me the top five picks.
- Used Python, Selenium, and the Splinter framework in order to extract crucial data from websites which had technical data such as RSI, SMA, and ATR.