**Avinash S. Perera**

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Analytics Portfolio: [**https://tinyurl.com/avisanalysis**](https://tinyurl.com/avisanalysis)

**Summary:**

I am a passionate student of Data Analysis & Statistics. I have strong communication and teamwork skills. I’m seeking an opportunity to learn about an industry landscape while honing my critical & analytical thinking. I’m seeking a role where I can leave a lasting impact. I am able to generate data-supported answers that are relevant to stakeholders. I enjoy presenting the findings in a professional, useful manner. I’m able to identify ways to improve organizational learning. I am a teachable, adaptable self-starter who enjoys applying data science to real-world situations. I am finishing my last course in my Data Science degree on December 8th. I am looking for an internship for the Spring 2024 semester, it is my final graduation requirement.

**Skills:**

* Python for Data Analysis (Pandas, NumPy, Scikit-Learn, Scipy, Statsmodels, Matplotlib)
* Statistics, Data Modeling, Data Visualization (Tableau)
* Microsoft Excel (VLOOKUP, PivotTables, Analysis Toolpak, Macros)
* SQL (Queries, SQL Server, MySQL)
* R (ggplot, tidyverse libraries)
* HTML5, JavaScript, PHP, CSS3 (Web Application Development)
* Office 365 Apps, Azure Cloud-Development, Azure Cloud-Administration
* SharePoint Development, SharePoint Designer

**Work Experience:**

**(2021-2023) Baxter Research** – Dedicated Criminal Researcher (Contracted) that worked remotely in a self-directed, self-scheduled setting. Coordinated with many other researchers to process raw case record data into valuable background research for clients across the United States. Jurisdictions worked include several major counties in California and the entire state of Connecticut. Regularly used Excel, Word and proprietary Data Software to conduct criminal research.

**(2017-2020) High Stream Solutions, Inc**. – Co-founder of High Stream Solutions, a Software Consulting Firm. Responsibilities: Operations, Project Management, Marketing, Cloud Administration, and Web Development. Specialized in innovative software solutions, predominantly in the medium of mobile apps & websites. Clients were small businesses. Partnership dissolved during Pandemic.

**(2016-2017) Florida Medical Pain Management** – Managed Marketing for an interventional pain management clinic with three locations. Responsibilities included Advertising Analytics (Google AdWords, Website Analytics), Social Media Account PR, Hiring a Marketing Liaison for networking with other physicians for referrals, Web Development, SEO, and print advertising in a Tampa Bay Business magazine. Generated 450 new leads over 6 months and 100 new patients (average revenue per patient of $20,000).

**(2014-2016) Center for Advanced Technologies Network Systems Administrator Program** – Performed Full-Stack Web Development using enterprise software such as Microsoft SharePoint & Microsoft Office 365. Worked with Active Directory integration and administering Group Policy. Administered Windows & Azure Servers; Helped develop a Two-Legged OAuthentication server solution. Rendered Advanced IT Support for 400+ Dell Venue Tablets including OS Imaging & Driver Installation. Provided General Tech Support to students & faculty.

**Education:**

* **(2020-2023) St. Petersburg College**

Associate of Science in Data Science, Cumulative GPA 3.15, Program GPA 3.9

Expected Graduation: Spring of 2024

* **(2016-2020) Florida Institute of Technology**

Pursued Bachelor of Science in Software Engineering, Transferred Out

* **(2012-2016) Center for Advanced Technologies: Lakewood High School**

High School Diploma, Graduated 2016

**Project Experience:**

**(2023) Multiple Linear Regression Analysis: NFL Performance** – Performed a Multiple Linear Regression via Python in a Jupyter Notebook to predict wins per team next NFL season. Data was one table with six dimensions, each entity representing a team’s performance in this season. Used F-testing & coefficients of determination to evaluate regression models. An APA-style research paper was the final product. Course: Data Analysis & Statistical Modeling

**(2022) Data Visualization Techniques: Module 5 & 6 Assignments** – Used R programming to read data from CSV files and visualize the data appropriately. Visualizations: Histograms, Scatterplots, Linear Plot, Custom 3D Plots, Custom 2D Plots, Boxplots, Residual Plots, Heatmaps, Geographic Maps, Density Plots. Course: Data Visualization Techniques

**(2021) Spreadsheet Programming Capstone: Real Estate** – Guided class project to create an Excel workbook with Real Estate Listing & Agent data. Performed various financial calculations including creating a partial loan amortization table (payment scheduling). Created a map graphic of house price by city. Course: Spreadsheet Programming

**(2019) High Stream Solutions Web-based Intranet** – Helped with project management, UI design, infrastructural design, API integration, and automated software testing. Led project meetings and facilitated a modified AGILE methodology. Set up a cloud-based web application & infrastructure with Google Firebase.

**(2016) Pinellas County Schools Emergency Shelter System –** Lead programmer on a professional software project to deliver to our school district a state-of-the-art, cloud-based emergency shelter management system. Built with technologies such as Office 365, Windows Server 2012, Microsoft Azure, and C# Services run in the cloud. Administered a database of SharePoint lists with up to 17,000 rows.

[**https://www.abcactionnews.com/news/local-news/lakewood-hs-students-create-web-portal-to-trackemergency-shelter-and-communications**](https://www.abcactionnews.com/news/local-news/lakewood-hs-students-create-web-portal-to-trackemergency-shelter-and-communications)

**Certifications & Awards:**

* Harvard Business School Online: Management Essentials Certification
* Microsoft Office Specialist SharePoint 2013, OneNote 2013
* Microsoft Office Specialist Excel 2010, Word 2010, PowerPoint 2010
* Microsoft Tech Associate Software Development Fundamentals (C#)
* Microsoft Tech Associate Web Development Fundamentals
* Future Business Leaders of America National Conference: Top 3 in Desktop App Programming in 2015