Vijay Sithambaram

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EDUCATION

Arizona State University, August 2020 – May 2024| B.S. Data Science**|**Specialization in Business Analytics
Activities: AI And Data Science Society, ASU Code Devils, Data Science And Analytics @ Hayden

RELEVANT COURSEWORK

CSE 110: Principles Of Programming •CSE 205: Object Oriented Programming And Data Structures •MAT 266: Calculus II For Engineers •MAT 267: Calculus III For Engineers •EGR 104: Critical Inquiry in Engineering •MAT 343: Applied Linear Algebra •DAT 300: Exploring Data In R and Python •ACT 101: Introduction To Accounting •CIS 105: Introduction To Excel And SQL•FSE 100: Introduction To Engineering•DAT 250: Data Science And Society

EXPERIENCE

Everi.one   **Remote**
Community/Growth Intern(6 hours/week)   March 2021 – July 2021
  •Learned new **methods** to grow the platform's user base and retain users after they have signed up.
  •Implemented plan to get potential users through social media marketing/hosting ama sessions on linkedin.
  •My project was to help grow the user base using various methods such as ama sessions/social media.
marketing.

Connect-In-Place   **Berkeley, CA**
Software Engineering PM (6 hours/week)   September 2020 – March 2021
  •Learned a new **"no code"** tool, **Bubble.io** for website and database creation.
  •Implemented an administration database for a list of available classes at any given time.
  •My project was to co-lead a team to rebuild the **front/backend portion** of our company's brand new website.

Project Connect   **Pleasanton, CA**
Founder   February 2018 – June 2020
  •Our mission is to empower and guide individuals to take part in service projects that connect the community.
  •During my tenure, we connected **50** kids to organizations in need of volunteer help. 60 hours of service total.
  •Our team built **8 Little free libraries** in the community to promote the love of reading among the youth. Was
    supported by the city of Pleasanton as well as the mayor.

PROJECTS

IBM Data Science Capstone Project - Battle Of The Neighborhoods
  •Created an ML model that predicted the cluster rate of **80%** for neighborhoods in the NYC and Toronto area.
  •Used Python, SQL, Pandas, MatPlotLib, Sklearn and other ML libraries to build the ML model for the project.
  •Currently working on refining ML models and trying out different regression models for better accuracy.

Twitter Sentiment Analysis Stock Market Project
  •Created a sentiment analysis model that predicted **correlation** between tweets/movement of the company
  •Used Python, Numpy, Pandas, MatPlotLib, yfinance and other ML libraries to build the ML model for the project.

Coursera Python Capstone: Project Pillow-Tesseract-Opencv
  •Created an ML model allows one to search through the images looking for **occurrences** of keywords and faces.
  •Used Python, Numpy, Pandas, MatPlotLib, pytesseract and other ML libraries to build the model for the project.

Advanced Modeling Project Using Excel
  •Created a spreadsheet to build a monthly budget, cash flow statement, cellular data rates for **a model business.**

Chicago Crime Database Project Using SQL
  •Created Sample Chicago Crime database to **retrieve crime records**, history and location.

SKILLS, AWARDS, AND INTERESTS

B = Beginner , I = Intermediate, A = Advanced
Technical Skills: Python(**I**), Java(**I**),SQL(**I**),Excel(**A**), MATLAB(**A**), Bubble.io(**A**), Pandas(**I**), Matplotlib(**I**), Airtable(**B**).
Awards: AP Scholar, Eagle Scout, Tech Challenge (Judge's Choice, Problem Solving), DECA (3rd place HTOR, 4th place PFL, 1st place BSM), Track and field 800m Varsity finalist.
Certificates: IBM Data Science: Q8T3R39Q8Z44**, Coursera Python:** AG69BRXK3B9N