CHINMAY VIJAY PURAV

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ENTRY-LEVEL DATA SCIENTIST

Entry -level Data Scientist with an academic background in Electronics and Embedded Systems. Passionately used my analytical skills in my academic journey, now eager to apply my skills to solve real-world problems.

SKILLS

- **Programming:** Python, SQL [PostgreSQL, SQLite3], Git, Spark, MongoDB.
- **Libraries:** Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, LibROSA.
- **Technical:** Machine Learning, AWS [EC2, S3], Docker, Data Analysis, Hypothesis testing, A/B testing.
- **Soft:** Oral and Written communication, Intellectual curiosity.

EXPERIENCE

Galvanize Inc   San Francisco, CA, 2019 - Present
Data Science Fellow

- **Stop this Noise!!:** Background noise suppression project. [Python, Pandas, LibROSA, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, AWS EC2, AWS S3]
- **Are You Noisy Enough?:** Classification project to label wav audio files as clean or noisy. [Python, Pandas, LibROSA, Matplotlib, Seaborn, Scikit-learn, Logistic Regression, Random Forests]
- **Patterns in Independent Medical Reviews (IMRs):** Through preliminary EDA, explored the probability of next decision being overturned by an IMR. [Python, Pandas, Matplotlib, hypothesis testing]
- **Fraud Detection System** [Python, Pandas, Numpy, Matplotlib, Seaborn, TensorFlow, AWS]
- **Churn Prediction** [Python, Pandas, NumPy, Matplotlib, Seaborn, Logistic Regression, Random Forest, Gradient Boosting]
- **Sales price prediction** [Python, Pandas, NumPy, Matplotlib, Seaborn, Linear Regression]

ResLife, San Francisco State University   San Francisco, CA, 2018 – 2019
Residential Services Assistant

Bonne Sante Meditech LLP   Pune, India, 2016 – 2017
Research Assistant [Internship]

- Assisted in designing probes to improve reach in electro-chemotherapy treatment.

EDUCATION

Master of Science in Embedded Electrical and Computer Systems [CGPA: 3.74/4.0]   SF State University, Present

Master of Engineering in Electronic (Hons) [GPA 3.0/4.0]   University of Nottingham, UK, 2015

Higher National Diploma in Electrical and Electronic Engineering [GPA: 3.8/4.0]   Uxbridge College, London, 2012

ACADEMIC PROJECTS

- **Development of Electro-active ocular lens (EAOL)** [San Francisco State University, Present]
- **Flight Monitor System** [San Francisco State University, 2019]
- **Health Monitoring System** [San Francisco State University, 2018]
- **Arithmetic Logic Unit** [San Francisco State University2018]
- **Detection of Nutrition Deficiency in Plants** [University of Nottingham, 2015]
- **Designing an Electric Power Station for a Mars Research Colony** [University of Nottingham, 2014]
- **Humanoid Robot** [Uxbridge College, 2012]