

CHINMAY VIJAY PURAV

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DATA SCIENTIST

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, Git, AWS [S3, EC2], Docker.
- **Libraries:** Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Keras, LibROSA, Statsmodels.
- **Technical:** Hypothesis Testing, A/B testing, Machine Learning, Statistical Analysis, Sampling, Bootstrapping.
- **Databases:** PostgreSQL, MySQL, MongoDB, Spark.
- **Soft:** Oral and Written communication, Intellectual curiosity.

EXPERIENCE

Galvanize Inc

San Francisco, CA, 2019 - Present

Data Science Fellow

- **Stop this Noise!!(Present):** Audio noise suppression project. [Python, Pandas, LibROSA, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, AWS]
- **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, Keras]
- **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]

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 University, 2018]
- **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]