

Independent Python Developer Independent Python Developer Independent Python Developer - RESTful API for California Department of Forestry Davis, CA Work Experience Independent Python Developer RESTful API for California Department of Forestry 2016 to Present Designed and implemented RESTful API for California Department of Forestry EXPERTISE that drastically increasing front-end interoperability for both internal and public users. Fluent Designed and built data storage system and transaction applications for several Python private companies utilized by CALFIRE significantly optimizing business Numpy processes Pandas Designed and created data management system and business process Django monitoring applications for California Department of Agriculture grants Data Systems (RDBMS, Designed and created Convolutional Neural Network (CNN) and related machine NoSQL, Graph) learning processes for the recognition of anomalies within retinal imaging HTML facilitating the early identification of hypertension related disorders. Proficient: Utilized: Python, PostgreSQL, MongoDB, Django, Flask, Django Rest Framework, JavaScript Fellow UC Press 2016 to 2016 2016) 'perform' the thesis' theoretical Fulbright-Hays Doctoral I designed, shot, and edited pratibimba: animal sacrifice and cultural imperialism, a Fellow documentary film exploring how the people of the Western Himalayas relate to Lilly Endowment Fellow their own cultural heritage. I was responsible for every aspect of the film - from University of California sound engineering and language translation to post-production. President's Fellow Created and built an enormous data store of geographically indexed resources Muktabodha Indological about South Asian culture and history. The repository, which is still used at many Institute Fellow universities. I initiated the project, built the data storage system, designed several Designed and create of its early user-interfaces, and travelled throughout South Asia to acquire the graduate group resources themselves. (<https://religiongradgroup.ucdavis.edu>) Utilized: Python, ARCGIS, SQL, PostgreSQL, Neo4j, BASH, JavaScript, ActionScript, davis.edu) Adobe Creative Suite (particularly Premiere Pro, Flash, and Shockwave), Java, Languages: Sanskrit, Hindi, assorted geography related APIs Spanish, Pahari, French Assistant Professor UC Davis and NYU Keras, Tensorflow, NLTK, SciKit 2006 to 2016 Bootstrap Redesigned and refactored websites for both UC Davis and NYU resulting in Keras significantly improved visibility. Tensorflow Designed a

custom learning management system that allowed students simple NLTK, and immediate access to one another and coursework resources. SciKit-Learn Developed an enormous data repository and access system for critical studies Scipy unavailable anywhere. RESTful design Utilized: JavaScript, node.js, Bootstrap, MySQL, Social Media APIs, OAuth, Flask ARCGIS, Python, PHP, HTML, CSS ARCGIS AWS GIT PHP SOFTWARE AND IT PROJECTS Designed and built a data system atop the ESRI ARC ecosystem that was the first to integrate geographic information and qualitative data about the Western ACHIEVEMENTS Himalayas. The project also implemented a graph database that modeled unstructured, many-to-many relations. University of Colorado. It leveraged JavaScript and ActionScript to combine a Religious in a Secular Age. Education Doctorate Links <http://www.github.com/elmorem>

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