

- Consulted on how best to create and data and AI strategy for a medium-sized company looking to invest in new technology

Anjoui Technologies, Evanston, IL
 Chief Technology Officer, Co-Founder 05/2015 to 01/2016

- Led technical team on developing iOS application, website, and analytics work for a food sharing platform
- Formalized framework for recommendation algorithms used to advise cooks on pricing and diners on dishes to eat next
- Coordinated with other team members to develop and test business model and business pitch

SapientNitro, Chicago, IL
 Associate, Marketing Strategy and Analysis 06/2014 to 11/2016
 (Data Scientist and Software Developer)

- Worked with an interdisciplinary research team of software engineers, data scientists, architects, ethnographers, and social scientists to study human behavior and worked with clients on how best to improve or expand existing products
- Developed statistical and predictive models for customer segmentation, shopping habits, room occupancy, and space utilization using multi-million instance data sets of digital activity and sensor data
- Analyzed, implemented, and measured the viability of machine learning algorithms to model kitchen activities using data collected from third-party sensors in R and Python
- Assisted in building a web-based community management platform for 700+ members using Angular.js, d3.js, and PHP
- Researched methods and designed algorithms to relate linear digital activity data to non-linear episodes of focus

SapientNitro, Chicago, IL
 Junior Associate, Technology (Data Analyst Intern) 06/2013 to 09/2013

- Devised algorithm to differentiate between speakers using 7-frequency microphone and unsupervised machine learning models
- Modeled posture of surgeons in operating room environment using Microsoft Kinect skeleton data
- Implemented a text classification tool in Java to categorize thousands of unknown website URLs in digital activity dataset

AWARDS AND HONORS

Northwestern University Undergraduate Research Grant
 For LES with DTR 03/2016 to 06/2016

SKILLS

Proficient: Python, R, HTML, JavaScript, Node.js, Express.js, MongoDB, MySQL, Swift, iOS Development (iPhone and Apple Watch)

Intermediate: CSS, jQuery, Angular.js, Meteor.js, Bootstrap, Flask, Google Script, Slack Bots, Cordova/Phone Gap, Elasticsearch, L^AT_EX

Familiar: Redis, Java, C#, d3.js, React.js, Django

Data Science: Jupyter Notebooks, Pandas, Numpy, Scikit Learn, Weka, Natural

Language Processing (NLP) Techniques, Tensorflow (familiar)

Hardware: Arduino, Raspberry Pi, Breadboarding, Printed Circuit Board (PCB) Design (familiar)