

# Visakh Madathil

## EDUCATION

### **Southern Methodist University – B.S. Economics, B.S. Mathematics**

Minors: Management Science, Public Policy & International Affairs

August 2016 - December 2018; August 2020 - May 2021

## EXPERIENCE

### **Texas 2036 – Data & Policy Intern**

Austin, TX | August 2020 - Present

- Building web applications, ETL pipelines, and statistical models to glean insight into public policy and economic conditions within Texas.

### **Integra FEC – Blockchain Data Scientist**

Austin, TX | September 2019 - June 2020

- Supported clients by identifying \$4 billion + worth of cryptocurrency fraud by developing blockchain tracing and classification algorithms
- Developed a novel classifier to identify 10,000+ money laundering transactions on the Bitcoin blockchain

### **Advising AI – Data Engineering and Analytics Developer**

Dallas, TX | June 2019 - August 2019

- Developed complex data pipelines at a rapidly growing EdTech start-up
- Designed, developed, and integrated REST APIs as microservices in Python along with an Angular web application on the Google Cloud Platform

### **U.S. Department of Health and Human Services, Office of the CTO – Data Science Fellow, Civic Digital Fellowship**

Washington, DC | June 2018 - August 2018

- Selected from 900+ applicants with an acceptance rate of 4.2% for a competitive technology fellowship
- Created potential architecture, web prototypes, budget forecasts, and advised the office on the adoption of new technologies for their data-sharing platform
- Developed a Natural Language Processing tool to analyze user feedback sent via email that increased public access of 25+ open datasets

### **G6 Hospitality — Development and Analytics Intern**

Dallas, TX | May 2017 - August 2017

- Developed a predictive model to identify ideal areas for hotel expansion by analyzing 300+ features for 28,000 + US Census block groups that increased successful hotel developments by 23% in the first year
- Spearheaded the creation of the company's data science and analytics strategy for future expansion efforts

## PROFILE

Personal Website:

[vmmadathil.github.io/](https://vmmadathil.github.io/)

LinkedIn: [Visakh Madathil](#)

GitHub: [vmmadathil](#)

## TECHNICAL SKILLS

### Programming Languages:

Python, C/C++, Java, HTML5/CSS, Javascript, SQL, R

### Frameworks:

Bootstrap, Angular 4, React, Flask, TensorFlow, Sklearn, PyTorch

### Software:

MATLAB, GitHub, Visual Studio, Eclipse, STATA, Amazon Web Services, Google Cloud Platform

### Operating Systems:

Windows OS, Linux

## PROJECTS

Economic Tracker

R&B Lyric Generator

## AWARDS AND HONORS

Highland Capital Management Tower Scholar

SMU Human Rights Fellow

Hamilton Research Scholar

## CERTIFICATIONS

[Google Cloud Associate Cloud Engineer](#)

## LANGUAGES

English, Malayalam

## INTERESTS

Dallas Mavericks, Music, Football, Cricket, Tex-Mex