ADHITYA VENKATRAMAN

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EDUCATION

Stanford University – Stanford, CA　　　　　　　　　　　　　　　　　　　　　**July 2022 – Present**

Pre-Doctoral Research Fellowship at Stanford Graduate School of Business
- Graduate-level Coursework: Probability Theory, Data Mining and Analysis (Winter), Artificial Intelligence (Spring)

Claremont McKenna College – Claremont, CA　　　　　　　　　　　　　　　　　**Oct 2018 – May 2022**

B.A. Economics; B.A. Philosophy, Politics, Economics; Sequence in Data Science
- GPA: 3.95 (Magna Cum Laude)
- Awards: Best Senior Thesis in Economics and Finance; McKenna Achievement Scholarship; Murty Fellow in Philosophy, Politics, and Economics; Robert Day Scholarship
- Personal Projects: Pricing Algorithm for Venture-Backed E-Commerce Startup, Automated API Performance Testing Tool, Congressional Twitter Sentiment Analysis
- Tools**:** Docker, Power BI, Python, Kubernetes, R, SQL, Tableau, Tensorflow, MATLAB, JavaScript
- Coursework: Data Mining, FinTech Practicum, Real Analysis, Linear Algebra, Econometrics, Statistics, Multivariable Calculus, Object-Oriented Programming, Strategic Cost Management

EXPERIENCE

Stanford Graduate School of Business – Stanford, CA　　　　　　　　　　　　　**July 2022 – Present**

Pre-Doctoral Research Fellowship with Profs. Rebecca Lester and John Kepler
- Spearheading early-stage project estimating degree of tax evasion via illicit foreign real-estate purchases
- Developing scalable natural language processing algorithms in Python to parse firm activity from 1TB of news articles
- Created webpage, data pipelines, and interactive Tableau maps/dashboards for public-facing data repository

Cisco Systems – Santa Clara, CA　　　　　　　　　　　　　　　　　　　　　　**May 2021 - Aug 2021**

Machine Learning Intern
- Developed patent-pending Python algorithm predicting inefficiencies in enterprise networking services
- Built data pipelines from customer-side cloud services to collect workflow data on more than 23,000 defect cases
- Created live telemetry dashboard of efficiency metrics using SQL, Power BI, PowerBI, and Tableau
- Offered data-driven recommendations to resolve internal and customer process inefficiencies

Cisco Systems – Santa Clara, CA　　　　　　　　　　　　　　　　　　　　　　**May 2020 - Aug 2020**

Software Engineering Intern
- Created automated API performance testing tool in Bash and Python to support developers
- Built container-based application using Kubernetes and Docker for any Cisco developer to access testing tool
- Analyzed Agile sprints with senior engineers to gather requirements for automated testing
- Validated costs of delayed featured with customer experience, operations, and engineering teams to assess tool value

ACTIVITIES

Rose Institute of State and Local Government – Claremont, CA　　　　　　　　　**Oct 2018 – May 2022**

Student Manager
- Led a research institute of 30 students by managing 7 teams, setting a research agenda, and building faculty relationships
- Analyzed twenty years of crime data to uncover disproportionate growth in sentence lengths for severe felonies

Lowe Institute of Political Economy – Claremont, CA　　　　　　　　　　　　　**Sept 2020 – May 2022**

Research Assistant with Profs. Jeffrey Flory, Cameron Shelton, and Angela Vossmeyer
- Wrangled and organized 150+ GB of Congressional district-level spending data and 100+ GB of individual spending data
- Analyzed impact of personnel diversity through experimental & A/B test data from leading asset management firm
- Performed analysis and geocoding on archival dataset of bank failures during the Great Depression using Python

Claremont McKenna and Harvey Mudd College – Claremont, CA　　　　　　　　**Jan 2020 – May 2022**

Econometrics, Python, and Statistics Tutor
- Host weekly tutoring sessions for 25+ students focused on modeling, data structures, recursion, and inference

SOURCE Nonprofit Consulting – Claremont, CA　　　　　　　　　　　　　　　**Oct 2018 – May 2022**

Consultant; Lead Consultant (April 2019 – June 2020)
- Manage team of 6 and estimate social impact of $9.5 million in community donations