Kush Bavaria

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EDUCATION

Massachusetts Institute of Technology (MIT) | B.S. Computer Science & B.S. Finance   Expected May 2025
- Courses: Computational Thinking and Data Science, Physics: Mechanics, Multivariable Calculus, Microeconomics

Vista Ridge High School, Cedar Park TX| STEM Concentration, Salutatorian,   May 2021
- GPA: 4.0/4.0

EXPERIENCE

Diligence Analyst   Aug 2021 - Now
MIT Capital Partners| Cambridge, MA
- Delivering deep, multi-vertical industry insights to our partner VC firms with aggregate $27B AUM
- Providing industry analysis, competitive landscape, and go-to-market strategy for our clients

Research Assistant   May 2020 - Sep. 2020
University of Pennsylvania Wharton School of Business| Philadelphia, PA | Professor Kent Smetters
- Focused on finding information related to the wealth and equity held within startups
- Applied SEC S-1/S-1A and optical computer recognition to find shares held within the filings
- Developed and analyzed numerous Python Pandas data frames to extract content and find correlations within the data
- Used SQL to submit data and batch jobs to the Wharton Research Services Lab

Research Assistant   May 2020 - May 2021
Brown University School of Economics | Providence, RI | Professor Stelios Michalopoulos
- Wrote Python code for Latent Dirichlet Allocation (LDA) topic modeling of lyrics from the Million Song Dataset and NHS-Ethnography Dataset
- Used NLP to analyze significance of topic modeling clusters
- Created algorithm for determining Compute Model Perplexity and Coherence Score within topic modeling clusters

Senior Instructor   Sep. 2018 - June 2021
Code Ninjas | Austin, TX
- Taught students coding languages including JavaScript, Lua, and Python
- Led our employee team to help make the Cedar Park location the highest grossing location internationally for two years
- Developed a Java and Lua curriculum for teaching younger students under the age of 8

COMMUNITY INVOLOVEMENT

Youth Activities Leader and Event Speaker   Sep. 2013 – Sep. 2021
BAPS Swaminarayan Sanstha Temple | Austin, TX
- Participate in festive performances & assist in designing sets for theatrical productions
- Serving attendees mahaprasad (dinner) after the main assembly, mopping kitchen, and vacuuming the assembly hall

SKILLS

Programming Languages
- Java - Full Proficiency | Python - Full Proficiency | JavaScript – Proficient | R – Proficient | HTML/JSS – Beginner

Amazon Web Services Toolkit
- Experience using multiple Amazon Web Services including Mechanical Turks and EBS cloud machines