**Umang Bansal**

**EDUCATION**

**Massachusetts Institute of Technology**, *Class of 2023*  Cambridge, MA

Candidate for B.S. in Computer Science and B.S. in Economics, GPA: 4.9/5.0

* *Coursework:* Econometric Data Science, Computation Structures, Design and Analysis of Algorithms, Chinese
* *Activities:* MIT Debate, MIT Mentoring, Women’s Openweight Varsity Crew Team, Undergraduate Association

**Boston Latin School**, *Class of 2019* Boston, MA

College Preparatory Curriculum, GPA: 4.53/4.0, ACT: Composite 36/36

**WORK EXPERIENCE**

**World Bank**  *June 2021 – Present*

*SmarTTrans Research Intern*  Washington, DC

* Conduct exploratory research to identify and compile data on Kenya’s road conditions, traffic accidents, and government solutions to address them
* Create a machine learning algorithm to evaluate which policy solutions are most effective at reducing road accidents

**MIT Abdul Latif Jameel Poverty Action Lab** *Feb 2020 – May 2021*

*Student UROP Researcher* Cambridge, MA

* Created program to clean data and track study participants’ employment history to understand how increasing maternity leave affects women’s career trajectories in India
* Wrote Python program to identify and extract maternity benefits from Brazilian labor contracts to understand the impact of increasing gender diversity in union leadership on benefits priorities
* Analyzed human rights reports about pregnancy discrimination in Mexican manufacturing factories to identify treatment group for experiment analyzing the effect of gender non-discrimination laws

**MarvelApp** *Jan 2021 – Feb 2021*

*Quality Assurance Intern* London, UK

* Coded python program using Django and GraphQL to return user test statistics to app developers on MarvelApp platform
* Tested new features and bug fixes on staging platform to ensure main site continued to work smoothly

**Tractor Supply Company** *May 2020 – Aug 2020*

*Intern, Technology Dept.* Brentwood, TN

* Compiled financial data to inform Chief Financial Officer on market share and sales before earnings call with investors
* Evaluated pilot program and presented results to inform team for $3 million product order
* Collaborated with economic forecasting firm Prevedere to model future of Tractor Supply sales in various industries

**MA Attorney General’s Office** *May 2019 – Aug 2019*

*Consumer Specialist* Boston, MA

* Negotiated between MA residents and businesses to come to non-legal resolutions to resolve consumer complaints
* Evaluated performance of Local Consumer Programs in resolving consumer complaints

**HONORS & AWARDS**

* First place out of 50+ teams, UA COVID Hack Outdoor Spaces Track *2021*
* Qualifier, National NSDA Speech and Debate Tournament *2017, 2018, 2019*

**LEADERSHIP HISTORY**

**MIT Finance Club**  *Sept 2019 – Present*

*Finance Conference Director* Cambridge, MA

* Organize logistics, recruit finance firms, and schedule competitions and events for annual finance conference of 200+ participants
* Learned investment techniques and evaluated companies to form paper portfolio as part of new member education program

**MIT Global Research and Consulting** *Aug 2020 – Present*

*President* Cambridge, MA

* Implemented new processes and systems to encourage club growth and create structure for future years
* Worked with Healthcare Without Walls to evaluate potential billing system and offer recommendations

**SKILLS & INTERESTS**

Skills: Experience with Python, C++, R, Stata, Github, Julia, LaTeX, HTML, CSS, Javascript

Interests: Politics, Development Economics, Broadway Musicals, Comedy