



Atlanta, Georgia  
**GEORGIA INSTITUTE OF TECHNOLOGY**  
 IS A UNIT OF THE  
**UNIVERSITY SYSTEM OF GEORGIA**

## APPLICATION FOR GRADUATE ADMISSION

### PERSONAL INFORMATION

Full Legal Name: TARASI David Louis  
*Last name (Family name) First name (Personal Name) Middle Name Suffix*

Preferred First Name: David

Will we possibly receive records for you under any other name? ☐ YES ☒ NO

If yes, what name? \_\_\_\_\_  
*First Middle Last*

Gender: ☒ Male ☐ Female Date of Birth: 10-01-1985 mm/dd/yyyy Place of Birth: Palm Harbor, FL, United States of America

Permanent Address: Street 2844 Arapahoe St  
*Family Home*  
 City Denver, CO Country United States of America  
 Mail Code 80205-2708 Permanent Telephone 9704432558  
 E-mail Address: dltarasi@gmail.com

Current Address: This address is valid until: \_\_\_\_\_ mm/dd/yy  
*Present Location* Street \_\_\_\_\_  
 City \_\_\_\_\_ Country \_\_\_\_\_  
 Mail Code \_\_\_\_\_ Current Telephone \_\_\_\_\_

Degree Objective: Masters Campus: Online Admit Term: Spring 2018

Graduate Major: Master of Science in Analytics- Online

Are you a: Previous/current graduate student at another institution

Have you previously applied for admission, been enrolled as a student, or been otherwise affiliated with Georgia Tech resulting in assignment of a gtID number? ☐ YES ☒ NO

gtID Number: \_\_\_\_\_

If your degree objective is Masters, do you plan to pursue a PhD degree in the future? ☐ YES ☒ NO

If Yes, when? \_\_\_\_\_ If 'Other' please explain: \_\_\_\_\_

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Are you a current Georgia Tech graduate student? ☐ YES ☐ NO

Are you seeking to CHANGE graduate degree programs or to ADD a secondary degree program?

☐ YES ☐ NO**FUNDING**

Do you wish to be considered for Financial Assistance?

☐ YES ☒ NO

Do you require Financial Assistance in order to Attend Georgia Tech?

☐ YES ☒ NO**ACADEMIC HISTORY**

College Code	Name of Institution	City	Attend From	Attend To	Degree	Degree Date	Major	GPA
005812	Univ Florida	Gainesville	08-2004	05-2008	BA	05-2008	Finance	3.62
004841	Univ Colorado Boulder*	Boulder	08-2009	05-2012	PROFDG-JD	05-2012	Law	3.49

**TEST SCORES** Please indicate the date you have taken OR will take the required test(s).

TEST	DATE	V	%	Q	%	AW	%	TOTAL SCORE
GRE								
GRE SUBJECT		TOPIC:						
GMAT								
TOEFL								

**RECOMMENDATIONS**

The following individuals have agreed to provide recommendations on my behalf.

NAME	EMAIL ADDRESS	INSTITUTION
Phil Weiser	phil.weiser@gmail.com	University of Colorado School of Law
Chris Jacoby	CRJacoby@amgnational.com	AMG National Trust Bank
Brad Bernthal	brad.bernthal@colorado.edu	University of Colorado School of Law

**SELF-REPORTED BACKGROUND DISCLOSURE**

Georgia Institute of Technology is committed to maintaining a safe environment for all members of our community. All applicants must answer these questions. An affirmative answer to any of these questions does not automatically bar admission to the institute, but does require review. You are required to provide an explanation for each instance you answer Yes. The statement will be used in the review process.

1. Have you ever been convicted of a crime other than a minor traffic violation?

☐ YES ☒ NO

If yes, please briefly explain here.

2. Are there any criminal charges currently pending against you?

☐ YES ☒ NO

If yes, please briefly explain here.

3. Have you entered a plea of guilty, a plea of no contest, a plea of nolo contendere, an Alford plea to a criminal charge, a plea under a first offender act?

☐ YES ☒ NO

If yes, please briefly explain here.

4. Do you currently have disciplinary or academic misconduct charges pending against you from a high school, college or university?

☐ YES ☒ NO

If yes, please briefly explain here.

5. Have you ever been disciplined, suspended, or expelled for conduct code violations from a high school or post-secondary educational Institution?

☐ YES ☒ NO

If yes, please briefly explain here.

**CITIZENSHIP AND ETHNICITY INFORMATION**☒ U.S. Citizen☐ Non-US Citizen

Country of Citizenship (if not US): \_\_\_\_\_

Do you hold citizenship in any other country?

☐ YES ☒ NO

Other Country of Citizenship: \_\_\_\_\_

Are you currently in the U.S. or will travel to the U.S. with a visa prior to your potential enrollment at Georgia Tech?

☐ YES ☐ NOIf so, what is your current Visa type? ☐ F-1 ☐ J-1 ☐ Other

Sevis ID (if available): \_\_\_\_\_

Will you require a student visa to study at Georgia Tech?

☐ YES ☐ NOIf yes, ☐ F-1 ☐ J-1

Note: *Permanent Residents are classified as Non-Citizens until a Permanent Resident Card is provided.*

The information requested below will not be used for admission purposes. The data will be used to satisfy federal reporting requirements and other purposes allowed by law.

Are you Hispanic or Latino? ☐ YES ☒ NO

Check all that categorize your race.

(Note: Regardless of your answer to the previous question, please mark one or more races to indicate what you consider yourself to be.)

- ☒ White
- ☐ American Indian or Alaskan Native
- ☐ Asian
- ☐ Native Hawaiian or Pacific Islander
- ☐ Black or African American

**RESIDENCY** (Required for US/PR only – International applicants please leave blank)US State of Legal Residence CO

If GEORGIA, Country of Residence \_\_\_\_\_

If you consider yourself a legal resident of the State of Georgia (US), do you expect to receive in-state tuition fee rates?

☐ YES ☐ NO

NOTE If YES, you will be required to complete the Georgia Residency Application which is a part of this application. Once received, your credentials will be evaluated and a notation of your residency status will be entered in the applicant data- base and will appear on Status Checking.

All persons admitted to institutions of higher learning in the State of Georgia will be required to submit documentation proving that they are lawfully in the United States. If an applicant wishes to be considered for in-state tuition rates, he/she must also present

**U.S. MILITARY INFORMATION**

Are you currently active duty, a veteran, member of the National Guard or Reservist in the US Armed Forces?

☐ YES ☒ NO

If yes, please specify. \_\_\_\_\_

If Active Duty, which Branch? \_\_\_\_\_

Home of Record State? \_\_\_\_\_

Are you the spouse or dependent child under the age of 24 of someone who is currently active duty, a veteran, member of the National Guard or Reservist in the U.S. Armed Forces? ☐ YES ☒ NO

**NON-U.S. MILITARY/GOVERNMENT INFORMATION**

Are you currently active duty, veteran, a member of the National Guard, or a Reservist in any Non-US Military armed force? ☐ YES ☒ NO

Country: \_\_\_\_\_

Branch: \_\_\_\_\_

Are you currently employed or on leave from any Non-US Government Agency? ☐ YES ☒ NO

Country: \_\_\_\_\_

Agency/branch: \_\_\_\_\_

**ADDITIONAL INFORMATION**

Are you currently enrolled in any other Educational Institutions? ☐ YES ☒ NO

Country: \_\_\_\_\_

Name of Institution: \_\_\_\_\_

Are you currently employed or on leave of absence from employment? ☐ YES ☒ NO

Country: \_\_\_\_\_

Name of Company: \_\_\_\_\_

**CERTIFICATION**

I certify that the information provided in this application is true and complete. I understand that omission or misrepresentation herein may result in automatic rejection of my application to Georgia Tech. If admitted, I agree to abide by the Rules and Regulations of the Academic honor Code of the Georgia Institute of Technology.

Signature of Applicant David Louis TARASI Date 10-14-2017

## Online Master of Science in Analytics

How did you learn about Georgia Tech's Online Master of Science in Analytics program?

**Social media**

Indicate your choice of track specialization within the MS Analytics degree.

**Computational Data Analytics**

How many courses do you tentatively plan to take each semester?

**3 [accelerated part-time]**

Undergraduate major(s): **Finance**

Undergraduate minor(s): **None**

Graduate degree(s), if any: **Juris Doctor**

List any professional or technical certifications you hold.

**Member, Colorado Bar Association**

Years of full-time work experience (not internships): **5-9**

Current employer (if any): **Phil Weiser for Colorado AG**

Current job title (if any): **Finance Director**

What is your most relevant work experience? (Employer, type of industry, position title, dates of employment, responsibilities)

**AMG National Trust Bank, Financial Services, Research Analyst, 12/2012-10/2013, Economic Modeling/Financial Research, Financial Analysis.**

**Phil Weiser for Colorado, Political Campaign, Finance Director, 7/2017 - Current, Manage DB of donor/financial info, financial reporting/projections,**

List all scholastic, community, and professional awards received since starting college.

**University of Florida Dean's List: Fall 2005, Fall 2006, Spring 2007, Fall 2007, Spring 2008.**

**University of Colorado Dean's List Spring 2011**

**Entrepreneurial Law Clinic Scholarship Recipient [merit based] Fall 2011, Spring 2012**

List any programming languages you know and rate your experience level with each (for example, "Python (expert), Java (intermediate), R (beginner)"). Please list not more than five languages based on those with your greatest level of experience.

Language	Experience Level
<b>Python</b>	<b>Intermediate</b>
<b>SQL</b>	<b>Intermediate</b>
<b>HTML/CSS</b>	<b>Beginner</b>

For each of the following topics please select one of the available choices:

Differential calculus, basic integral calculus, infinite series:

**No background; prefer to learn through Georgia Tech if available**

Linear algebra and matrix operations:

**Comfortable with this material**

Conditional probability, expected values and covariance:

**Comfortable with this material**

Statistical hypothesis testing, interval estimation and maximum likelihood estimation:

**Comfortable with this material**

Computer programming:

**Comfortable with this material**

Briefly describe your eventual career objective (e.g., Principal Consultant, Chief Analytics Officer, etc.). Your space is limited to 150 characters.

**Following the course- work as a data analyst, junior data scientist or similar. Long term goal - combine these skills with legal domain expertise.**

List other graduate programs to which you are applying

**None**

### Statement of Purpose

Please give a Statement of Purpose detailing your goals and career plans. Include your reasons for choosing Georgia Tech's MS in Analytics as opposed to other programs and/or other universities. Your space is limited to 4000 characters.

## Statement of Purpose

I am applying to your Analytics program because I want to apply the principles of data analytics to my current career and future endeavors, and believe that the theoretical understanding of modern analytics, as well as the practical application skills that I will learn in this program are the ideal next step towards this goal. I believe your program is uniquely suited to my needs and it is therefore the only one to which I am applying for admission.

For the last five years, I've worked at the intersection of law, finance, and technology as a corporate counsel organizing private investment funds focused on emerging technologies and managing the legal issues they face. Throughout this time, my undergraduate education in Finance and strong understanding of analytical exploration and explanation has helped me communicate complicated topics to diverse audiences and find solutions to the complex problems faced by my clients. I've seen first-hand how often transactional, regulatory, and litigation-related decisions are made through gut instinct or customary assumptions rather than hard analysis and analytical process, either due to a lack of quality data or an inability to properly analyze the massive quantities of data at hand. I experienced how costly and inefficient these decisions can be and started to realize this seemed like a fixable problem.

To expand my abilities and keep up with the rapidly changing requirements of the modern corporate world--as well as fulfill a natural curiosity for computer programming-- I decided to teach myself a coding language. I was naturally attracted to Python due to its use in data analysis, an area in which I was already comfortable. Over the last year, I've become proficient in Python and explored the data analysis packages and workflows commonly used in the language, applying them to my current role where possible as well as through personal projects. During this time, I realized that I wanted to make this a career rather than a hobby, and began working towards that goal.

I recently moved into a new career as the Finance Director of Phil Weiser's Campaign for Colorado Attorney General, a role that is allowing me to expand my analytical skills and become more comfortable working with large databases in a production environment. I direct a team of 9 finance volunteers, oversee our donor and voter database, and manage the campaign's fundraising process. I'm responsible for cleaning data and generating complex reports, and communicating our progress to a varied group of stakeholders. This role has been an excellent first step towards my goal of moving into a career in data analytics.

I hope to continue this transition over that next year, and believe that your MS in Analytics program is the best option for doing so. In the short term, I believe that the theoretical background and practical experience I gain through the degree will complement my self-taught coding skills and allow me to move in to a role as a Data Analyst or Junior Data Scientist following the program. I plan to apply the practical skills learned in this role to help me move towards my long-term goal, combining the analytical skills learned through your program and work experience with my legal training and domain expertise to apply machine learning techniques to novel applications in the legal field.

I chose your Online MS in Analytics degree to reach these goals because it is a true MS degree from a top university at a great price, but also allows me to continue with my current career in Denver. Georgia Tech is a highly respected institution in this area, and I believe there is value in learning the theoretical backbone of modern analytics that only comes from a Master's degree, rather than a bootcamp-style course.

I believe your program can help me turn my passion and curiosity into a successful career, and I hope you will give me the opportunity to realize that goal. Thank you for your consideration.