

# Georgia Tech

<http://www.gatech.edu>

<http://europe.gatech.edu>



# Why did they choose Georgia Tech?

The story of 4 students

# Sandra Hoang

- Join the MSECE program in 2006, with the objective to work in America
- Work at several places in US like AT Kearney, Siemens
- Currently system Manager at Siemens mobility in New York



# Michele Piccardi

- Join the MSECE program in 2010
- Work abroad
- Joined Micron Technology after graduation, he is currently Design Manager, based San Francisco





# Simone Frassanito

- Join the MSCS program in 2010
- Work abroad
- Currently at Data Architect at Microsoft in Redmond WA



# Melisande Zonta

- Join the MSECE program in 2016, with the objective to work in America
- Join Intel Santa Clara in 2017, now Silicon Architecture Engineer
- Start a PhD at ETH recently



# Why did they choose Georgia Tech

- Make their dreams real, invest on their future
- Return on investment: 4 that joined top companies - Micron Technology, Siemens, Intel, Microsoft -
- Majority of graduate students take positions at companies such as Cisco, Schlumberger, Total, EADS, Thales, Safran, Airbus, GE, Areva, Amadeus, ...
- Airbus highly values this dual degree
- Why not you?

# Opportunities of the program

- Land of opportunities, build your program to make your dream real, have fun, how:
  - Strengthen your engineering background,
  - Open you to other domains of engineering,
  - Become an entrepreneur
- Study in a multicultural environment on any campuses
- On GT Europe campus, the main student population





# Young graduate figures

- 20% find first job in USA
- 45% in R&D - Energy/Material/Aerospace/Services -
- 15% continue with a PhD
- Average salary for graduate student is ~90 k\$ in USA, visit [payscale.com](https://payscale.com)

# Research

- Georgia Tech invest 1.4 B\$ per year funding for world class research programs, more than MIT
- Access to world class technology platforms for faculty and students enrolled in MS thesis or PhD on main or GT Europe campuses



# Innovation

## Georgia Tech incubator ranked in top 10 in US

### Education

- Startup Lab, ECE 6001, CS 8803
- Valuation > 1.4 B\$ of Student Startups, 300+ UG startups since 2014

### Enterprise Innovation Institute (EI2)

Programs to help startup companies, industry, public sector and students

### Commercialisation

- ATDC research for faculty, PhD students



# Added values of Georgia Tech

Georgia Tech develops leaders who advance technology and improve the human condition.

- *Example #1: Tech.Co* ranks Georgia Tech as the **#1** university that “produces the best startup talent.”
- *Example #2:* Three continent tech entrepreneurship & entrepreneurship courses

## Gain prestige in the International Arena

- *Example:* #4 grad programs in U.S. programs (AE, ECE, ME), #6 grad CS program all at a public university price\*
- #11 in Engineering (Times Higher Education 2023)
- Shanghai ranking 2023: #12 in AE, #4 in EE, #7 in Nanotechnology, ...

## Build a global network with other Tech Alumni

- *Example:* Alumni focus events in Europe, U.S.
- Join a 140,000+ alumni network around the world

*U.S. News & World Report, 2023\* rankings*



# Dual degree program

- Spend one semester on each campus of Georgia Tech - Atlanta and Metz -
- Dual degree program: soft transition to the US education system
- Course transfer → reduces cost
- Opt in MS thesis option or PhD to increase time on main campus
- Initial investment ~ 38 k\$ (tuition & fees, housing, living expenses, ...)
- Reduction of tuitions through assistantships but need to be proactive on financial aid
- Program of excellence at low cost, typ. 50 to 60 k\$

# Specialisations open for application

- **Master of Science degree** in :

- Aerospace Engineering (33 SCH)
- Computer Science (30 SCH)
- Electrical and Computer Engineering (30 SCH)
- Mechanical Engineering (30 SCH)



- **Aerospace Engineering** - focus on Mechanics of Multifunctional Structures and Materials, System of Systems and Complex Systems Integration, Space Exploration & Earth Monitoring, ...
- **Computer Science** - focus in Machine Learning, Computational Perception & Robotics
- **Electrical & Computer Engineering** - focus in Digital Signal Processing, Electrical Energy, Systems and Controls, Nanotechnology, ...
- **Mechanical Engineering** - focus in Acoustics/Dynamics, Mechanics of Materials, Micro and Nano Engineering, Heat Transfer, Combustion and Energy Systems, ...

# Financial aid

- **Assistantships:**

- **On Atlanta campus**

- Research Assistantships:

- For PhD students, offer made by faculty
      - For MS thesis, pending faculty decision

- Teaching Assistantships available on a competitive basis in **Aerospace Engineering, Computer Science & Electrical & Computer Engineering**: Tuition waiver with ~\$2,000 monthly stipend

- **On Europe Campus:**

- Teaching assistantship available, tuition waiver or 66% tuition waiver
    - Research assistantship available: MS thesis and PhD at IRL

- **Internships** available through alumni network

- **Fellowships** (Rotary, regional aid, etc....)

- GTL Challenge Fellowship for semester in ATL: \$2,250

- **Bank Loan**, Student loan of 1.49% up to 75,000 €, up to 9 years loan repayment



# GT Europe campus

- Small international student community (~250 students): (grand mix, trips, ...) - future Tech network
- Easy access to faculty, information
- Weekly seminar with corporate partners (internships/jobs)





# Application - decision schedule

## Fall 2023

- Pre-selection by UNIBS
- Take TOEFL or IELTS or TOEIC and GRE for CS only
- Help and support provided on your application by GT Europe

## Spring 2024

- Online application completed by **Feb 1<sup>st</sup>** including transcripts, letters of Recommendation, official test scores reported by ETS to GT
- Admission decision: end Feb – Mar

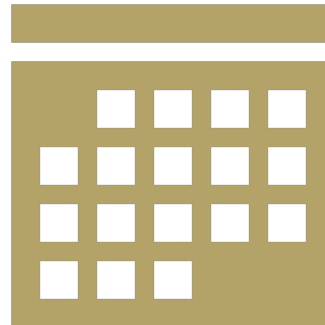
## Fall 2024 – Start of the program

# Georgia Tech Admission Requirements

- **GPA** min 3.5 /4.0 (GPA = General Point Average)
- **Strong letters of recommendation**
- **English proficiency tests:**
  - TOEFL iBT - <http://www.ets.org/toefl>: min score of 19 required for each section: > 90/120 (AE, ECE), > 100/120 (CS), > 94/120 (ME)
  - or IELTS: min score 7 (AE, ECE, ME) and 7.5 (CS) with a min score of 6.5 for Reading, Listening and Speaking, min score of 5.5 for Writing
  - or TOEIC > 850
- **GRE (only required for MSCS)**, <http://www.ets.org/gre>: min scores
  - Verbal > 153/170
  - Quantitative > 155/170
  - Analytical Writing > 3/6

# Key dates of your application

Items	Dates
TOEFL or IELTS or TOEIC & GRE if applicable	Dec 1, 2023
GT application submitted on GT admission website	Feb 1, 2024
Admission decision	Feb - Mar
Start of program	Aug 20, 2024



# Contacts

Visit our website:

[europe.gatech.edu](http://europe.gatech.edu)



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