



quantco

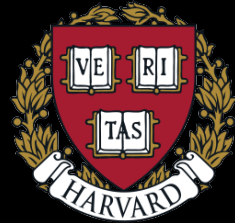
# The QuantCo IOI Challenge

**International Olympiad in Informatics 2020**

# QuantCo is a Machine Learning Company

80+

**Team members**



**Stanford  
University**



**>20% hold a PhD from Harvard,  
Stanford, or MIT**



**International  
Offices**

Our teams leverage data science, engineering, and economics to turn data into decisions.

We build solutions for algorithmic pricing, high-dimensional forecasting, and claims management.

Our clients are some of the largest financial, e-commerce, and healthcare organizations in the world.

# The QuantCo IOI Challenge\*

- Leverage your algorithmic and math skills in a series of progressively challenging software engineering (SE) tasks
- Tasks will be a mix of SE fundamentals and IOI-type challenges
- Tasks are meant to be fun, stimulating and representative of the types of problems that we solve in the real world
- Show off your skills for an interview with us when you reach a certain stage of the challenge!
- Also compete for cool QuantCo swag
- There may be hidden surprises/Easter eggs!

\*see challenge website for complete details



**The QuantCo IOI Challenge Launches on  
September 1<sup>st</sup>, 2020!**

**[challenge.quantco.com](https://challenge.quantco.com)**

# The Challenge: Getting Started

- Our challenge is meant to be an individual task
- Please keep your solutions private
- Access the challenge and all necessary information via [challenge.quantco.com](https://challenge.quantco.com)
- Send any questions about the challenge to [challenge@quantco.com](mailto:challenge@quantco.com)
- Have fun!

# The Challenge: Leveling Up\*

- **Progression:** Advance to each subsequent stage by correctly solving the previous one
- **Timeline:** untimed and you have free reign to work on the challenge whenever and however you want. Closing date of the challenge to be announced at [challenge.quantco.com](https://challenge.quantco.com)
- **Prizes:** internship opportunities, cool QuantCo gear, fun times, & prestige

\*see challenge website for complete details



# QuantCo wishes all participants a successful and fun IOI 2020

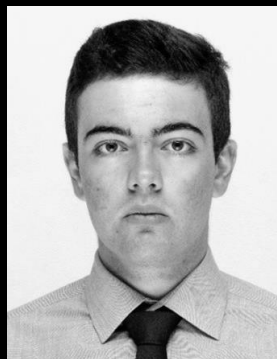


Martin Trautmann

1x Bronze  
IOI 2000

Stanford  
(M.S. EE 2007)

QuantCo CTO



Angelos Pelecanos

1x Silver, 2x Bronze  
IOI 2015, 2016, 2017

MIT  
(class of 2021)

QuantCo Intern  
(class of 2019)



Radoslav Dimitrov

1x Gold, 2x Bronze  
IOI 2017, 2018, 2019

Oxford  
(class of 2023)

QuantCo Intern  
(class of 2020)



Arvid Lunnemark

1x Silver  
IOI 2017

MIT  
(class of 2022)

QuantCo Intern  
(class of 2019)



Aleksandar Krastev

1x Gold, 2x Silver  
IOI 2016, 2018, 2019

MIT  
(class of 2023)

QuantCo Intern  
(class of 2020)



You?

?  
IOI 2020

?  
(class of ?)

QuantCo Intern  
(class of ?)

[join@quantco.com](mailto:join@quantco.com)



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