# Daniil Gannota

## Summary

I am an undergraduate student at University College London studying Computer Science. I have just finished my first year; and so I have obtained certain experience of working with various programming languages, managing a team of students from different courses on one project and dealing with algorithms and their efficiencies.

My current aim is to apply those skills and knowledge to real-world issues and to find particular industry that interests me the most. Additionally, I am interested in investing – the field I am learning in my spare time.

## Education

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| Prior to 2013 | Tennis career<br>**2 wins in doubles on European Tournaments; 1 semi-final in singles on an European Tournament; 3rd in my country under my age at the time of leaving; Certified Candidate Master of Sport in tennis.** |
| 2013 – 2015 | Ruthin School<br>**A-levels: Mathematics (A\*), Further Mathematics (A), Physics (B) and Economics (A)** |
| 2015 – 2016 | University College London<br>**MEng Computer Science G402** (anticipated completion – June 2019) |

1st year modules include: Principles of Programming, Design and Professional Skills, Integrated Engineering, Object-Orientated Programming, Theory 1 and 2, Discrete Mathematics, Robotics Programming.
2nd year modules include: Networking and Concurrency, Logic and Database Theory, Software Engineering and Human Computer Interaction, System Engineering Project 1, System Engineering Project 2, Mathematics and Statistics, Compilers, Managerial Accounting for Decision Making.

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| July 2016 | Yale University<br>**2 Summer courses: Financial Accounting (A-), Intro Interactive Design: WWW (A)** |

## Work experience and projects

Work experience:
- An intern in Krafttrans in marketing department for two weeks.
- An intern in Komplit in marketing department for one month: granted certificate for completing courses about Terrasoft and BPMonline.

Past University projects:
- "Sustainable Planet Challenge" – research-based project, where our team was finding methods of improving resource use and recycling; role:  the team leader.
- "TermSeeker" – a Java application that enhanced searching experience by providing specific methods of presenting information, included working with a client.

Currently running projects:
- A project with UCLH, where my team and I are doing several jobs, for instance, developing a few websites and applications for NHS. – *part of UCL course*
- Financial tool to analyse markets, includes machine learning and diagram building algorithms*. – personal project*
- I am participating in Microsoft Student Partner program

## Technical skills

- Experience with programming languages such as Python, C, C#, Objective C, Java, Haskell, Swift, MySQL, HTML, CSS, jQuery and Delphi
- Experience with Unity 5, Processing, Xcode, IntelliJ IDEA, Android Studio, PyCharm, Visual Studio, Microsoft Azure and Adobe Muse
- Understanding of basic algorithms for searching and sorting (e.g. Depth-first search, Dijkstra's algorithm) and their analysis (O notation); knowledge of discrete mathematics and statistics
- Ability to work with Microsoft Word, PowerPoint and Excel

## Interests

1. **App-development**

I am interested in products that improve efficiency of businesses in dealing with client and monitoring co-workers. However, any other type of app-development would be preferable too.

2. **Investment**

Recently, I have completed a financial module at Yale University, which included an overview of Financial Statement. My current aim is to further research the four financial areas: bookkeeping, financial and managerial accounting, income taxation – and to start making analysis-based investment decisions.

3. **Management**

Throughout my projects at UCL I was team leading in each of them. This is because I am interested in managerial aspects of my work. I am planning to gain an MBA degree in either Entrepreneurship or Finance in the future.

W10 5BN Garrow House, Kensal Road 190, London, UK | Email: daniil.gannota.contact@gmail.com |

Tel: (0) 7392 972-474