

Ignaty Romanov-Chernigovsky's CV

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British Citizen

Profile

I am a 2nd Year Mathematics and Computer Science Student at the Imperial College (London) with strong interest in science and engineering, particularly in sectors related to space, and programming and experience in teaching programming to school level students at summer camps. I am quick at learning, interested, motivated and an independent student; adaptive, punctual and patient. Good organisation, observation and problem-solving skills. A very approachable, highly creative and hardworking individual. I strive to achieve excellence in everything I am doing. I have mostly enjoyed starting something new or solving difficult problems using creativity and initiative.

Education

September 2015 -June 2019 MSc in Mathematics and Computer Science, Imperial College, London.

Modules included: Programming (Haskell, Java, C), Formal logic, Computer architecture, Analysis, Abstract Linear Algebra, Group Theory, Mathematical Methods.

Group projects: Fractal Rendering, C compiler for ARM processor.

September 2008- June 2015 Lycée Français Charles de Gaulle (London)

Baccalauréat scientifique, Mention très bien, 18.83/20

(Including: Maths 20, Physics-Chemistry - 18, Biology - 19, English - 20, French - 17)

Employment

July –August 2015 FireTech Camp (London)

Volunteer Instructor

Responsible for: Teaching kids programming, helping other instructors.

June 2013 BBC World Service, Europe Hub (London)

Radio and Video Programme Assistant

Responsible for editing audio and video materials for on-air programmes and website

August 2015 FireTech Camp (London)

Camp Helper

Right hand of the Camp Director, responsible for: Making the camp run smoothly, providing technical and programming help to tutors and pupils, dealing with special circumstances.

IT skills

Applications: Microsoft Office, Internet Explorer, Chrome, Firefox....

Programming Languages: Java, C#, Haskell, language used by Arduino, Html/Css, C (both C89 and C99)

Operating Systems: Linux, Windows, Android

Others programmes and software: Adobe Photoshop, bitmap and vector image manipulation software (GIMP, Inkscape...), 3D design and animation (3Ds MAX/Maya/Blender), some CAD software (mainly Autodesk Fusion 360), the game development engine Unity3d; a long experience in creating modifications for different games

Skills

- Deep experience with a variety of computing topics, both practical and theoretical.
- Familiar with formal logic (e.g. Natural Deduction) and how it can be related to computing topics
- Self-hosting many different things on Linux systems, from Minecraft servers to file storage and chatbots.
- Use and maintenance of extrusion 3d Printers (mainly Makerbot Replicator 2X and Ultimaker 2). Use of laser-cutters (wood and acrylic).
- Very good project organizational and management skills.
- Very good interpersonal and communication skills.
- Excellent presentation skills, ability to explain complex ideas to expert and non-expert audiences.
- Deep hands-on knowledge of all major social media platforms.
- Creativity, innovation, and decision making.
- Working under pressure in a rapidly changing environment.
- Comfortable working independently or as a team member.

Interests

- I am very interested in different branches of science, such as astrophysics, quantum mechanics, chemistry, biology and geology. I quickly learn new concepts and theories and am capable of understanding and using them in practical exercises effectively.
- I have a strong interest in AR/VR technology (Oculus, HTC Vive, HoloLens...) and novel computer interaction systems such as the Leap Motion sensor, and also robotics, machine learning and AI in general.
- I am an active member of many societies at Imperial College, including the Robotics Society, Physics Society, Gliding Club, Archery Club.
- Photography
- Writing and recording music

Language Skills

English – native speaker (GCSE A)

French – native speaker (French Bac 17/20 = A*)

Russian – GCSE A*

Arabic – GCSE A

Japanese – elementary (currently studying at University and with a personal tutor, aiming for JLPT N5)

Ancient Greek – French Bac 13/20 (= A)

Latin – elementary (2 years course at the Lycée)

Referees will be given upon request.