

## EDUCATION

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**Manchester, United Kingdom**      **The University of Manchester**      **September 2014 – June 2018**

- MEng (Hons) Artificial Intelligence
- Modules taken include AI and Games, Advanced Algorithms, Machine Learning, Logic and Modelling, Discrete Maths, Agile Software Development, Symbolic AI
- Member of HackSoc society, co-organiser of 2015 GreatUniHack, 150-attendees hackathon

**Bucharest, Romania**      **“Mihai Viteazul” National College**      **September 2010 – June 2014**

- Admitted in the Intensive-Informatics class, among the **top 10% students**
- Started a robotics team for World Robot Olympiad in 2013
- Graduated with a Baccalaureate Diploma averaging 8.83 out of 10 with **9.85 out of 10 at Mathematics**

## AWARDS

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- **Bloomberg “Best Hack” Prize, HackCambridge 2017**: Using **Microsoft Cognitive Services API**, we built a **python** program that detects the attention and emotions of an audience from a recording while you give a talk.
- **2<sup>nd</sup> Place and Microsoft Prize, OxfordHack 2016**: we implemented a program that **generates music** from lyrics
- **Bloomberg “Biggest Impact” Prize, GreatUniHack 2016**: Our app auto-uploads photos taken at an event to the cloud
- **Best Developer, HackTrain3.0 2016**: During the 48 hour hackathon, I displayed the most proficient attitude and programming skills, being honoured with this award out of the 80 participants
- **2<sup>nd</sup> Place and SNCF Prize, HackTrain3.0 2016**: Our program tackled the **hardest challenge** of the hackathon, classifying and counting railroad assets in point cloud data generated by LiDAR sensors
- **BrainTree Prize, HackKings 2015**: Our application, was the best to implement the BrainTree API
- **JustGiving Prize, GreatUniHack 2015**: We won the API challenge prize by building a charity-oriented app
- **3<sup>rd</sup> Place and BrainTree Prize, Techsylvania 2015**: Earned the prizes with an entertainment music-remixing application based on Leap Motion, presenting it at Techsylvania Conference, **in front of 200 people**
- **JP Morgan Prize, StrathHack 2014**: Earned a special prize for our educational game

## EXPERIENCE

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**Freelance Web Developer**      **Summer 2014 – Present**

- Providing services including designing, building and fixing various web applications, using PHP (OOP, MVC frameworks, CMS), JavaScript (jQuery, Angular.js, node.js), HTML and CSS

**Web Developer**      **University of Manchester Students’ Union**      **Aug 2016 – Sep 2016**

- Built the website for the welcome week events, using the LAMP stack
- The website was used throughout the week in production environment, and is planned to be furtherly used

**Software Engineer Intern**      **University of Manchester**      **Jun 2016 – Aug 2016**

- Designed and built a back-end solution for user role and permission management, for the University’s Newsagent system, using PHP, Perl and Python
- Built a web-based visualization and drag&drop management tool, using HTML, CSS and JavaScript

## PROGRAMMING LANGUAGES AND TECHNOLOGIES

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- Experienced with: Python, C#, PHP and Java
  - Knowledgeable: C, C++, SQL, JavaScript
- Frequently used technologies: Linux, Git, Unity3D, MSOffice, Blender, Photoshop