# Niccolò Prada

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**PERSONAL PROFILE**

My aim is to secure a graduate level role and establish myself in the Web Development industry; I am very interested in making web solutions that have good design and user interface. Furthermore am seeking for a role where I can work closely with other developers and improve my web development skills.

**EDUCATION**

BSc (Hons), Computer Science – Loughborough University (2:1) October 2014 - July 2017

Key Modules: Programming for the WWW, Human Computer Interaction, E-Buisness Planning & Marketing, Object Oriented Programming & Algorithms, Mobile App Development, Introduction to Algorithms, Databases, Cryptography and Network Security, Data mining, Advanced Networking, Advanced Artificial Intelligence Systems.

**Practical skills gained during my degree:**

* For my final year project I developed a website to manage the table tennis cups of the Table Tennis Club. Hence I worked closely with my client to capture all of their requirements, and come up with a good **UI design** that follows all of the latest best practices. The entire website was programmed using **JavaScript**.To provide a polished product I wrote the API using **Express.js** with **SQL** and a front end using **Vue.js**, furthermore I gained experience working in a **Linux environment** for the purpose of hosting the website. Throughout the project I gained an understanding of all the necessary skills required to provide a polished website for an external client with specific needs.
* One of the projects that I undertook was one where me and a group of 5 were tasked with helping a women’s boutique establish their online presence. Firstly, we did an assessment of their current situation regarding their online presence analysing consumer patterns. Secondly, we drew up an online marketing plan and provided the business with a new Ecommerce site with search engine optimisation.
* Another project I completed was one where in a group of 4 we were tasked with analysing and **evaluating the UI and UX** of a real-world website through the observation of users. After the analysis was completed I individually proposed a new UI for the website to improve the UX. Throughout I learned a lot about what the best practices are to use nowadays when **designing UI** for a website.
* Lastly a project I completed that was just very programming intensive was when I coded a neural network in **Java** using back-propagation so that it could predict flooding with different data points such as rainfall.During this project I learned about neural networks and their strengths and limitations. Essentially I gained experience in programming a very complex algorithm using objects in Java.

**European Baccalaureate - European School of Munich (ESM) September 2008 – June 2014**

Overall mark: 75%, (A level equivalent ~ABB)

Subjects taken: ICT, Advanced Maths, Physics, Advanced Biology, Advanced History & Geography

WORK EXPERIENCE

Intern at Ergonomics Department – Technical University of Munich TUM June 2012 (2 weeks)

Munich, Germany

##### Responsibilities:

* Completed an ergonomics related project, used C# programming to connect a joystick with haptic feedback to a robot. This was done to illustrate the uses of haptic feedback when controlling a robots interaction with its environment.
* Ran user tests on some data gathering software that was being developed.
* Participated in meetings regarding future ergonomic problems and possible solutions.

Charity worker - Caritas (Italian red cross) October 2011 - May 2013

Bressanone, Italy

##### Responsibilities:

* Worked in a team to provide food and clothing for people in need.

**PERSONAL INTERESTS & ACHIEVEMENTS**

**Enterprise Boot Camp – University College London (UCL) 2016**

London, United Kingdom

##### Achievements:

* Created a plan of how to take my idea to a successful product.
* Learned key about key processes needed to move from an idea to a successful start-up.
* Pitched the idea to potential investors.

**Model United Nations of Munich (MUNOM) 2012 - 2014**

Munich, Germany

##### Achievements:

* Took part in an Academic competition aimed at simulating a UN conference encouraging debate and critical thinking.
* Represented the USSR in a debate during the Cold War.
* Represented Greece in a conference on Cyber Security and Nuclear Arms proliferation.

**8th Robotics Competition -** [**Technical**](http://www.google.co.uk/search?safe=active&client=opera&biw=1366&bih=660&q=technische+universit%C3%A4t+m%C3%BCnchen&stick=H4sIAAAAAAAAAGOovnz8BQMD01IOlkeM81m5BV7-uCcsNZV10pqT1xj7WLm4gjPyy13zSjJLKoX-s3CxQZn8XLxSnPq5-gaGVcZJVRoMUndZhDS4FPWT83NyUpNLMvPzIMz01GLd0rzMstSi4sySzNRi0R1PKuyFDLm0kFWmppQmJ4JYiTnxmXnFQAtKQbz45MTcgtJiUZZjTvZC2lwqRGgpFj3Upm4vpMAliaw4vyg9MS-zKhGiglX0rh26W1PzUvLLU1PiUVUWPTxgJyTDJYqsMic_GSo7oWWpnZAmlxIum-IRSq0mu9kJ6XCp4lRakFhUkgcMo4zMgmJRkenGGNam5hbk5FcCVYi--KZkJyTPJYEsW5SYlw10fWZJam6xKJ-Qkq0QOxeDKAMQCGlxKSOrTCwuziwuScwriS9Kzc3MSwGaqJ-YkwNRq8ulhqw2Oy-_PCc1JT0V6Ly81Jxi_YzE4viCjPy8VIhyCy5DvMqLM_JLc1Lic1OLgGLlmSUZ8TmlYJ0Sc27fPD9JQomLV4Jvs4xol-xTNi0hTsGeXOPEonnugnM_Rt9x8V1QacBgxRwS6psrLMZpr8TCwSDAyBNy2ZLp7vdTO1imq6aKbQy1Yq1WOQ8Amn4uhcICAAA&sa=X&ei=sQPNVMqNCo7taPn2gNAM&ved=0CG0Q6RMwCw) **university of Munich**  **April 2010**

Munich, Germany

Achievements:

* Worked in a team to create a robot that is able to overcome a series of challenges.
* Ranked 6th out of 20+ participating teams.

**Duke of Edinburgh award -** Silver level completed **2011-2013**

Munich, Germany

* Worked in a group to plan and complete tasks such as a 3 day hike.
* Developed strong team working skills.

**PROFICEINCIES**

Programming languages: Javascript, HTML/CSS, Java

Spoken languages: Italian(Fluent), English(Fluent), German(Intermediate), Hungarian(Basic)

**REFERENCES**

**Academic:** Prof. Paul Chung, Loughborough University; Email: P.W.H.Chung@lboro.ac.uk