

**Vikash Kothary**  
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## **PERSONAL PROFILE:**

A highly responsible, confident and well-rounded person with the ability to solve problems in new and innovative ways. I am a passionate, organised and adaptable team player with the empathy for, and the capacity to earn the trust of others. I contribute to and further enhance my skills set by volunteering, while being able to help others. As a perfectionist, who take pride in my work and likes to be challenged, I am seeking an opening where existing and potential skills may be utilised to the fullest extent.

## **KEY SKILLS:**

- Fluent in HTML5, CSS3, JavaScript, Python, Java, XML, SQL, Git and Android
- Working knowledge of Less, jQuery, PHP, Ruby on Rails, Prolog, PDDL, UML
- Able to master different techniques and to understand technical processes
- Excellent interpersonal, communication skills; liaises effectively with colleagues and clients
- Commercial awareness with an objective approach to design
- Excellent problem solving skills, with the ability to complete tasks in the most efficient way
- Able to work efficiently on own initiative as well as able to contribute effectively within a team

## **EDUCATION and QUALIFICATIONS:**

**King's College London (University of London)**  
Studying MSci Computer Science degree (Second Year)

**September 2014 – Present**

**Nower Hill 6<sup>th</sup> Form, Pinner**

**September 2012 – July 2014**

A-Levels:

Mathematics	-	A*	Computing	-	A
Further Maths	-	B	Physics	-	B
EPQ on "What makes a machine intelligent?" (AS)	-	A			

**Nower Hill High School, Pinner**

**September 2008 – July 2012**

GCSEs:

5 A\*s in subjects including Maths and Further Maths, 5 As and 5 Bs

## **RELATED EXPERIENCE**

**MyKidsy Coding Classes, Google Campus, Shoreditch**

**13<sup>th</sup> March 2015 – 8<sup>th</sup> May 2015**

Coding Tutor

- Lead classes with 5-10 students and their parents
- Taught Scratch in the beginner class and HTML, JavaScript in the advance class
- Debugged code, explaining mistakes and answered questions from students
- Teaching efficient programming practices

**GCSE Computing, Nower Hill High School, Harrow**

**September 2012 – April 2014**

ICT Tutor

- Gave one-to-one support to struggling or disruptive students
- Debugging the entire class's code (approx. 30 pupils)
- Reinforcing material taught in class
- Teaching a range of languages such as HTML5, CSS3, JavaScript, Java

**Citrix Systems UK Ltd., Gerrards Cross**

**24<sup>th</sup> June 2012 – 28<sup>th</sup> June 2012**

Intern (Work Experience)

- Shadowed various technicians in the IT department
- Learn about server management and customer service

- Assisted in the testing department to review design documentation for newly created Android app
- Setting up the equipment for an international sales presentation for the Android app
- Peer programmed a self-help website for Citrix customers to help solve common problems alongside another intern using JavaScript and JQuery

## **OTHER EXPERIENCE**

**Science, STEM, Crest Clubs, Nower Hill High School, Harrow**  
Tutor/Mentor

**September 2012 – April 2013**

**Young Enterprise Company**  
Executive Assistant

**September 2012 – July 2013**

**Wealdstone Library, Harrow**  
Library Assistant (Work Experience)

**28<sup>th</sup> March 2011 – 8<sup>th</sup> April 2011**

## **CURRENT EXTRA-CURRICULARS**

**King's Robotics Society**  
Committee Member

**September 2015 - Present**

**KCL Diwali Charity Show**  
Ambassador / Promoter / Marketer

**October 2015 – December 2015**

- Marketed all events related to the charity show on social media and in person
- Sold tickets for the events
- Encouraged students to get involved in the society
- Volunteered to co-host a fundraising pub quiz

## **ACHIEVEMENTS:**

- Bloomberg Prize at HackKing's
- 2<sup>nd</sup> Place for Most Liked Hack at GreatUniHack
- Jim Wilson's Karate Academy: Shodan Black Belt
- ASA National Swim Awards: Levels 1 – 6
- Harrow Schools' Swimming Certificates - Beginner, Intermediate, Survival, Water Safety Skills
- The Challenge Award, National Citizen Service Award, "Speak Out" Workshop Award
- Duke of Edinburgh Award – Sliver
- UK Mathematical Challenge - Junior: Gold Certificate; Intermediate: Silver Certificate; Senior: Bronze Certificate
- Whitefriars School Awards: Star Pupil in Science, 2004 Technology Award, 2005 Science Award, 2006 ICT Award, and 2008 Mathematics Award

## **INTERESTS and ACTIVITIES:**

I have always been interested in using my skills to find solutions to real world problems. Hackathons allow me to do this in my free time while learning new skills and practice what I already know. I have been attending hackathons since my first year at King's as it allows me to travel and network with other programmers and companies. To support my knowledge of computer hardware, I have built my own PC as well as used the KCL Student Opportunity Fund, which I was awarded, to begin building an intelligent 3D-printed robotic prosthetic arm which will be controlled using the Emotiv EEG headset. In my leisure time, I enjoy Sci-Fi fantasy television shows, books and games as they show what is possible with the power of technology.

**REFERENCES:** Will be provided on request.