



**ISHAN BABBAR**

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*"I love solving problems. Whether it be putting together a puzzle or constructing a braille-friendly computer for the visually impaired, the journey of finding a solution excites me. Coupling my love of learning new technical skills and my experiences living in several countries, I've learnt how to solve problems with different perspectives. By developing an extensive set of technical and non-technical skills, my problem-solving ability continues to sharpen. This allows me to not only help solve problems but to evolve industries utilizing new technologies such as Deep Learning/AI, Cloud Computing, Software Engineering, etc. I'm looking for a challenging position where I can help people solve problems."*

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## PROFESSIONAL EXPERIENCE

**Peddleton Solution LLC:** I built the WordPress website using tools such as Bootstrap to model a women's startup that handles cybersecurity and defense-related business in Washington DC. (Spring 2018)

**WeVote:** In Maastricht University, I coordinated with other students to develop a blockchain-based (using Solidity) voting system that would help elect student officials as representatives in a scalable and efficient fashion. As a prototype, I used an Arduino Uno to power the micro-controller that would provide an interface for this system in Maastricht, Netherlands (Fall 2017)

**Indus Realty:** as a web designer, I built the WordPress website using Bootstrap for enhanced design to model a real-estate company that deals in real estate trading in College Park, MD, USA. (Summer 2017)

**RealityHacks:** as a Lecturer and Event Manager, where I created a Hackathon as the Event Planner of UMD Virtual Reality Club, RealityHacks sponsored by Unity, Unreal, Oculus, Microsoft, etc. I also taught a workshop on 360 Film where I explored the use of Rico Theta S and 360 Microphones for production and how to edit 360 films using Premiere Pro in College Park, MD, USA. (Spring 2017)

**Spotluck:** as a Campus Ambassador, where I was in charge of marketing, organizing events on campus, and help build their network at the University of Maryland. I would commute from their headquarters in Washington DC, USA. (Fall of 2015 and Spring 2016)

**Neurosys:** as a Java developer software engineer to create ecommerce solutions in New Delhi, India. Worked with spring architecture on mostly front end web development. (Winter of 2015 and Spring 2016)

**Mahindra Tech:** as an intern software engineer, I helped by Java programming major aspects of TechTube, which is a current video management software used on their local network in New Delhi, India. (Summer of 2015)

**MadeInSpace:** as an intern software engineer, I was in the process of learning software development on the system's ability to 3D print in space in DC, USA. (Summer of 2016)

**Nyambirai and Mtetwa Law Firm:** as an intern I helped assist in organizing case files, trial documentation, and updating their website accordingly in Harare, Zimbabwe. (Summer of 2014)

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## ACADEMIC QUALIFICATIONS

- Majoring **Computer Science**, minoring in Technological Entrepreneurship at University of Maryland with a GPA of 3.67 (Graduation: July 2018)
    - Deans List for 4 Semesters
  - Hinman CEO's Program (2016-2018)
  - American Embassy School, New Delhi, India (2008-2014)
  - Columbia University Summer Program of Trial Advocacy or Criminal Justice (Summer of 2011)
  - John Hopkins Centre for Talented Youth Program (Summer of 2007)
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## PROFESSIONAL ACCOMPLISHMENTS

- Created a Hackathon as the Event Planner of UMD Virtual Reality Club, *RealityHacks* and taught a workshop on 360 Film Production
  - Founder of Hinman CEO alumni funded start-ups: Start-up Limitless (online incubator) and Next Dimension (VR Film Editing software)
  - President of Computer Honour Society (2013-14)
  - Founder's Club Member: Create, organise and coordinate events (i.e. TedX Maastricht)
  - Recipient of:
    - Math's Student of the Year (2005-2009)
    - Chess Player of the Year (2007-2009)
    - All-Round Student of the Year (2008)
    - Cricket Player of the Year (2007-2009)
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## SKILLS

### Programming Languages:

- Java\*\*\*, JavaScript\*\*, Angular JS\*\*
- Python\*\*, Solidity\*\*
- C\*\*, C#, C++\*\*
- HTML and CSS\*\*\*, XML\*\*
- SQL\*\*, UNIX\*\*\*, Bash\*
- Ruby on Rails\*, Prolog\*, OCaml\*

*1-3 years \* - 4-5 years\*\* - 6+ years\*\*\**

### Familiar Platforms/Models:

- TensorFlow, Keras, Anaconda, Unity 3D
  - AWS, Node.js, Spring IOC, Agile
  - PostgreSQL, MS Access
  - Eclipse, Dreamweaver, IntelliJ
  - Atom, Sublime Text, Notepad++
  - Adobe Premiere Pro, Photoshop, Final Cut
  - Arduino, NXT
  - Android Studio, XCode, Visual Studio
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## EXTRA CURRICULARS

- Virtual/Augmented Reality Club, Head of Filmmaker Section/ Event Manager
- Molife School Project – Coordinator, published in [“16-year-old comes to the rescue”](#) and [documentary](#).
- Film Studies: President of the Club that designed films for AES productions.
- Virtual Reality Manager at Technica Hackathon at College Park, MD on November 2016
- Varsity Council Member
- DIFL: Delhi International Football League (4 years)
- Mashonaland Cricket, Provincial Cricket in Zimbabwe (5 years)
- Varsity Football (3 years)
- Varsity Volleyball (2 years)
- Varsity Badminton (4 years)
- Albatross Tournament 2016: Featured Top 20 in Junior Championship Golf Tournament (out of 120)
- Member of Founders Club, Maastricht, Netherlands
- Maryland Filmmakers Club