ankuragrawal

I'm a Design Technologist with a Computer Science background who loves creating interactive devices and interfaces. I focus on **designing and inventing experiences with tangible interfaces**.

🌐 www.ankur-agrawal.info

✉ ankur.agrawal@outlook.com

☎ (206) 201 9555

UX SKILLS

User-Centered Design, Wire-framing, User Interviews, Sketching, Paper Prototyping, Rapid Prototyping, Storyboarding, Usability Testing, Surveys, and Wizard of Oz

DESIGN TOOLS

Makerbot, 3DS Max, Photoshop, Illustrator, Balsamiq, Axure, POP, InVision, Justinmind, Tableau, D3

`

DEV TOOLS

Arduino, Intel Edison, HTML5, CSS3, JavaScript, jQuery, JAVA, Processing, Phonegap, Android, PHP, MySQL, MongoDB, Python, C++, CUDA, OpenCV, OpenGL

EXPERIENCE

Internship - UX Designer
User Experience Innovation (UXI) – Intel Labs, Portland, OR | Jun 2015 – Sep 2015
- Worked on **R&D** projects to **design the future** of IoT and smart objects
- Responsibilities included hardware prototyping, sketching, and user research
- Voted the most popular project demo in an internal open house @ SC, CA

Graduate Teaching Assistant, Designing Interactive Systems
MHCI+d, University of Washington, Seattle, WA | Mar 2015 – Jun 2015
- Assisted a **master level class** (HCID 510) of 28 students
- Guided them in their projects of designing interactive systems
- Graded assignments and projects submissions

Entrepreneur
Trionix Solutions, India | Aug 2011 - Jun 2014
- As a **founder**, led a team of 10 designers and developers
- Worked as a **front-end** designer/developer and a back-end developer
- Executed 30+ projects of **graphic design** and **responsive** web & mobile applications for clients in USA, UK, China, Singapore and India

Head of Development
InteracTiV LLC, Boston, MA | Jan 2014 - Mar 2014
- Remotely designed/developed MVP of an interactive **Youtube-Chrome extension**
- The extension allow users to add stories to the videos
- Utilized JavaScript, YouTube API, Chrome API, and RESTful web services on AWS

Software Engineer
MTree Software Private Limited, Noida, India | Jun 2012 to Jun 2014
- Designed/developed an html based hybrid mobile app, **IceBreaker** – A social networking app which promotes in-person networking
- Designed/developed a webcam based 3D face reconstruction and **virtual sunglass trial** system
- Developed a paper based **finger-touch pad** using a webcam

Internship – Web Designer/Developer
ICU-INDIA, Jaipur, India | May 2011 - Jun 2011
- Designed/developed a web application, **EManage** – A tool to manage employee records like working hours and project assignment
- Utilized User Interviews, HTML5, CSS3, and PHP5

EDUCATION

MS in Human-Centered Design & Engineering
University of Washington, Seattle, WA | 2014 – expected 2016

User-Centered Design Certificate
University of Washington, Seattle, WA | 2014 – expected 2016

Bachelors of Technology in Computer Science & Engineering
Jaypee Institute of Information & Technology, India | 2008 - 2012

Individual Study
Coursera | 2011 - Present
- Human-Computer Interaction; Critical Thinking in Global Challenges; Model Thinking; Machine Learning; Computational Neuroscience; Web Intelligence and Data Mining; Image and Video Processing