INTRODUCTION

I am Hilson Shrestha from Bhaktapur, Nepal. I am a freelance web developer and a designer. I love designing and redesigning layouts—reviving them to meet today's standards. Human eyes are an amazing gift of the nature. The first thing that makes us believe is how we see things and I enjoy designing things so that they are perceived in a meaningful way.

I am 22 years old and I am a senior year student studying Computer Engineering undergraduate program in Kathmandu University. I recently completed my internship at Expresiv Studios. In my free time, you can find me online at chess.com or hiking up to Chaukot hill. Occasionally, I spend my free time sketching.

EDUCATION

2012 - 2016 (Expected) *Computer Engineering Undergraduate Program* Kathmandu University

2009 - 2011 *A-level* Chelsea International Academy

WORKS and EXPERIENCE

Expresiv Studios

I interned at Expresiv Stuios, Kathmandu for 3 months. During my internship I worked with following projects: "Sasto Call", "Orange Helmet", "First Help App", "Lotus Capital LLC" and "Expresiv Website".
expresivstudios.com

First Help

Supported by Dhulikhel Hospital, First Help is an android application which displays health related information. Idea was envisioned by Dr. Omprakash Gnawali (Assistant Professor at Department of Computer Science, University of Houston), considering the aftermath of the April 2015 earthquake in Nepal. I mostly worked as a backend developer.

Kathmandu University

I worked as a web designer for multiple projects within Kathmandu University website, notably the research section.
ku.edu.np/research

ACHIEVEMENTS

Winner of Tourism category at NcellAppCamp 2015 with android application *Pinpeaks*.

People's Choice Award Top 15 semi-finalists of 2015 International Space Apps Challenge (NASA incubator innovation program) with the project *Astroact*.

SKILLS

Web and Android development with specific focus on design and interaction. Some experience with web game development.

Major languages, libraries and frameworks: Python • Django • PHP • NodeJS • HTML5 • CSS3 • Javascript • WebGL • Google App Engine • Java • jQuery • SocketIO • BeautifulSoup • ThreeJS • Foundation

PROJECTS

Pinpeaks

Pinpeaks is an android application which helps users identify, explore and locate major mountains and hills of Nepal using your smartphone camera.
(To be released soon.)

Astroact

Astroact is a three dimensional visualization of our solar system with specific focus on simulation of 1,572 potentially hazardous asteroids and prediction of their near pass with earth. It implements head tracking feature to help people visualize the actual geometry of the solar system and displays the position of the heavenly bodies at various times both in future and in past.
2015.spaceappschallenge.org/project/astroact/

AgriTech

AgriTech is a product that is aimed to bridge the gap between farmers and agricultural market. The main idea is to prevent the farmers from getting duped by making available data from various market sourses accessible to most people, specifically the farmers and hence, make decisions based based on market price.

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