**Anish Patel**

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Visa status: About to apply for 2nd year (all regional work completed)

**Profile:**

Creative, funny & enthusiastic (self proclaimed words to describe myself). I have a passion for innovative uses of technology which grew from my studies at Plymouth University ( http://i-dat.org/about/). I have been travelling for 18 months now I’m a firm believer in acquiring new experiences and stories, which I incorporate into my art work and technical design. As a result of my travel, I am beginning to set up my professional presence such as website and android app. It is my belief that learning new skills, acquiring odd bits of knowledge and behaviours from different cultures is fundamental in producing an intuitive product for all end users. I have many things to learn in life and am eager to continue my training my skills in Web & Android development and creative technologies.

**Skills Summary**

• Native Android  
• HTML, HTML5, CSS, Jquery/Javascript, PHP & MySQL

• Basic ruby rails + Git hub + Heroku (All learnt from build my website)  
• Arudino (hardware hacking, sensor uses & biofeedback)  
• Adobe suite  
• Processing (java based program)

**Education**

• **2008 – 2013 Plymouth University** Degree: BSc Hons Digital Arts & Technologies. 2:1 Attained.

• **2006 – 2008 Warwick College, Warwickshire.** 3 A Levels - ICT(B), Biology(B), Business(A)

• **2001 – 2006 Tudor Grange School, Birmingham.** 11 GCSE’s – 3 A’s, 6 B’s, 2 C's

**Employment History**

ITN Marketing (Sydney) 02 8061 6856 *Jan 2015 – March 2015*

• App for Bupa Health provider

• Managed and taught another developer Android development from ground up.

• Lead Android developer

• Working with Amazon cloud services such as DynamoDb and Cognito.

• Working on syncing local and cloud servers via the app.

• Producing and designing UI/UX and implementing changes for the client.

• Working with Storyline Articulate to help complete an existing project that was started before I arrived.

**Sponge Uk**

*E-learning Developer July 2013 - Dec 2013*

• Develop E-learning/ training course for coping with depression  
• I was involved in content population and interaction production using Storyline Articulate.  
• Helped in problem solving for the CMS, which required javascript knowledge.  
• Helped to test application on different devices.

• I had to work closely with content producers to ensure high quality look and feel of the end product.

**Crystal production**

*Android Developer Nov 2010 – Sept 2011*

• Php content management and production of Ajax hooks to and from main server.

• Involved in full product life cycle from design and development to deployment.  
• Self taught commercial development standards in Android.  
• Became lead Android developer

• Developed and debugged via Eclipse and Instruments.  
• Liaising with both client and company director to ensure the client and the developer team could accomplish the clients request and changes on time.

**Sync**

*Android Developer July 2010 – Nov 2010*

• Working in a small team and new company to produce Android apps for Llyoyd Pharmacies.  
• This was my first work in commercial Android development, learning and coding parts of the backend of app.  
• Content population.  
• Developed and debugged via Eclipse and Instruments.

**University projects from final year**

**Dat Cal**

This project was created to theoretically help solve the UK’s NHS (National Health Service) problems with money and time wastage by patients due non-attendance of pre booked appointments. The Idea was to gather all booked appointments on a cloud service that all GP’s around the UK could access. The NHS loses a lot of money through patients not attending their appointments, due to forgetfulness or inability to turn up on time. As a result I created a possible solution to the problem.

The user interaction

The user would have a mobile application as well as a website to book an appointment. The app/ website would show available times for an appointment. When the appointment time neared, an alert would be sent to the patient, who would then confirm or reject the invitation. This would then update the scheduling service and make amendments; either saving the time slot for said patient or removing them from the slot and allowing some else to take the position.

The Tech

By using existing technology such as Google calendar I was able create a smooth and updatable front end for the GP’s appointment management. Using PHP and MYSQL for the database was an obvious choice. There were multiple scripts working in tandem to allow patient slot allocation, creation and removal of slots, confirmation of attendance in conjunction with an android app.

**PHYSEQ**

This project was about people’s interaction with music and the visual representation of said interaction. Our brief was to create an interactive installation to be placed in public.

The user interaction

Using the Xbox Kinect and the Open Kinect library, we programed it to generate values based off the distance from one hand to the other. The values were then put into a program we designed using Processing, which analysed music frequencies. Once the sound had been modified we piped that altered sound into a Processing visualisation sketch, which was connected to a projector and beamed down on to a speaker that held Non-Newtonian fluid.

The Outcome

As the user moved his/her hand the song would be distorted. Inside the speaker that the distorted sound came from, we put Non-Newtonian fluid (cornflour and water mixed together) that danced under the concussive force of the speakers.

**Bird Wire**

The brief was to make sense out of senseless data and visually represent that data.

There is a theory that if you put a million monkeys at a million typewriters eventually they will type the entire works of Shakespeare. We just used birds because we didn’t have monkeys. We looked into the kinds of data that birds might give out such as birdcalls and wings beating but finally we settled on feeding habits.

The tech

We used an Arduino board, wireless network card and a sound sensor, which was placed inside a cup to capture their pecks for food. Once the bird pecked on the sensor that noise was converted to Morse code, then using a hash array of words programed on Processing, it was then converted to English. Once they were converted and a few words collected they were sent to Twitter via the wireless network card.