VR / AR ANATOMY FOR HEALTHCARE

We are looking for a Computing Science intern (or similar) with an interest in 3D visualisation. You will be working on a prototype app for displaying anatomical models and 3D medical scans using 3D head tracking to create the illusion of depth, inspired by the technique you can see here: https://youtu.be/xjH8Q4xsKpo. We are aiming to expand this with AR or VR to give users the ability to actually walk around an operating theatre.

The technology

The used technology is still debatable, but we're aiming for consumer grade technology that will be common within the next few years, e.g. next generation smartphones with good facial recognition. The prototype is likely to be developed for iPhone X using Objective C.

The long term goal

The long term goal of the product will be dual:
1. to provide student physicians with life-like hands on learning material in 3D
2. to give senior physicians a new way of looking at 3D scan results

Who you are

We are looking for a passionate student who is eager to discover new technology and enjoys working in an innovative environment. You have good programming skills and preferably a working knowledge of Objective C or similar. You’re a hard worker who doesn’t mind getting his hands dirty, but also enjoys fun times with the team.

Who we are

Reconcept is a young and innovative digital health company based in Groningen. We are now providing almost all learning hospitals in the Netherlands with a high quality personal development tracking and e-learning platform. We’re aiming to expand our business to include new technology such as VR and AI.

We are currently a team of 5 people with varying backgrounds (CS, math, design, business). We share a common passion to make new things and to make them better. We have strong relationships with hospitals and health professionals throughout the country, which provides us with great opportunities to experiment with new products.

What we provide

We provide a fun working environment close to the city center. You will get a decent compensation for your internship. We will also provide all the necessary technology to work with.

Respond to this vacancy by e-mailing jurgen@reconcept.nl or find Jürgen Visser on LinkedIn.