

Bachelor / Master Thesis or student project

Interaction Design Applied to an Augmented Reality Golf Application



Human Computer Interaction, University of Hamburg
Augmented Reality Golf Start-Up

We are currently looking for Computer Scientists or Engineers to support our Augmented Reality Start-Up at the University of Hamburg. Our goal is to develop and commercialize an Augmented Reality application for Golf. So far our team consists of a Control Engineer (30 years), a Mechanical Engineer with an MBA (31 years), and a Computer Scientist with Augmented Reality experience (30 years). We have relevant industry and sports experience as well as a Lab Prototype (Proof-of-Concept).

Crucial for our application will be to design a user-centered and effective interface:

Topics:

- Analysis of needs and behaviors of different target groups for golf practice (e.g. Golf players at different levels: beginner / intermediate / ambitious amateur / professional)
- Conceptual Design of an Augmented Reality golf practice experience
- Implementation of a design prototype on an HMD or SmartPhone
- Real-Life evaluation of the prototype with a group of golf players (relevant contacts provided)

Requirements:

- Bachelor or Master Student in Computer Science or Media Design with coding experience
- Passion to create something new and be part of a motivated team
- Interest in the field of Augmented Reality
- Ability to develop own concepts, high level of autonomy and responsibility

Perks:

- Freedom to work on Bachelor/Master Thesis or Student Project in a Start-Up environment
- Shape the future of Golf Practice and get to know the field of Augmented Reality
- Chance to be part of the founding team after successful project

Further Information:

www.inf.uni-hamburg.de/en/inst/ab/hci/projects/exist-grant-ar-golf.html

www.inf.uni-hamburg.de/en/inst/ab/hci/news/start-up-exist.html

www.inf.uni-hamburg.de/en/inst/ab/hci/news/start-up-from-hci-wins-hamburg-innovation-award-2015.html

Contact:

Lukas Posniak, posniak@informatik.uni-hamburg.de, +49-40-42883-2075

