

CHIA-YU CHEN

HCI Researcher & UI Prototyper

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EDUCATION

M.S. in Digital Content and Technologies

National Chengchi University (NCCU)

Sep. 2015 - Present. Expected Graduate in Oct. 2017

Relevant Coursework: human-computer interaction with touch-based interfaces, theory and methodology of design, data analysis for social media.

B.B.A. in Business Administration

B.S. in Digital Content and Technologies

National Chengchi University (NCCU)

Sep. 2011 - Jun. 2015

Relevant Coursework: interactive product and system design, consumer behavior, information visualization and narrative, design thinking, web programming, computer programming, windows programming, marketing management, statistics.

WORK EXPERIENCE

Research Assistant

Innovative User Interface Lab, NCCU

Jul. 2015 - Present

Prototype a haptic wristband that can guide the motion of tai-chi learner to enhance training effect
Design experiments, conduct system evaluation and analyze the quantitative and qualitative results.

R&D Intern

Microsoft Taiwan - Consulting Service

Jul. - Dec. 2014

Develop a back-end website for IT department, using C# ASP.NET MVC.

Write automated testing scripts for pressure testing.

Store Clerk

Cheap Gogo Groceries

Nov. 2015 - Jun. 2016

Plan and execute seasonal campaign, and re-shelve and re-label the products according to customer personality and behavior, which drive monthly sales growth of 50% for 3 months straight.

PROJECTS

2015 & 2016 Committee

OpenHCI, the biggest HCI workshop in Taiwan

Design the lecture to facilitate design thinking and prototyping process.

Teach arduino and lead the field observation of 120 participants.

Strengthen marketing strategy and increase the enrollment by 150%.

UX Researcher & Prototyper

PinchFun, fine motor training game for children

Participate in user research, consolidate research findings and identify design opportunities.

Create hi-fidelity interactive prototypes and test with children, parents and therapists across two special schools.

Site Planner & Front-end Developer

Farmily, agriculture product EC platform

Plan and design the website UI flow.

Develop a website prototype with HTML, CSS and Javascript.

AWARDS

1st Place, Games for a Purpose, CHI'16

1st Place, Awesome Life Competition

2nd Place, 2014 TKU Hackathon

People's Choice, Hackathon Taiwan 4th

PUBLICATION

Motion Guidance Sleeve: Guiding the Forearm Rotation through External Artificial Muscles

CHI'16 Short Paper

PinchFun: A Fine Motor Training Game for Preschool Children with Developmental Delay

CHI'16 Extended Abstract