

YU-CHENG CHANG

UX Designer Front-end Engineer

Seeking a full-time position

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PORTFOLIO

yuchengchang.com



Projects: Web development, Mobile app, Wearable devices, Home IoT Systems, Smart Work applications, Cross-platform applications, and User Experience Research.

SKILLS

Development

Web design /development
Data Visualization
Computer vision
Robotic application

UX Design

Persona & Scenario
User flow / cases
Information architecture
Interaction design
Wireframing
Visual design
Prototyping

User Experience Research

Contextual inquiry
Interview and Survey
Affinity analysis
User journey
Heuristic evaluation
Usability testing

TOOLKIT

Design tools

Sketch / Adobe Creative Suite
InVision / Axure / Balsamiq / Abstract

Programing tools

ReactJS / JavaScript / jQuery / Python
HTML5 / CSS3 / D3 / Vega-Lite
Git / C / C++ / PHP / SQL

EDUCATION

University of Michigan, School of Information, USA

Apr. 2019

Master of Science in Information, GPA 4.0/4.0

National Taiwan University of Science and Technology, Graduate Institute of Automation and Control, Taiwan, Master of Science, GPA 3.88/4.0

Jun. 2012

National University of Kaohsiung, Department of Electrical Engineering, Taiwan

Jun. 2010

Bachelor of Engineering, GPA 3.69/4.0

EXPERIENCE

UX DESIGNER/ FRONT-END ENGINEER, Syngenta, IL

May 2018 - Aug. 2018

- Developed the department's website by using React framework.
- Designed the web interaction by transforming the user study insights and stakeholders' feedback.
- Conducted iOS mobile app's interaction design for supporting farmer's work and crop spray management.
- Supported Digital Innovation Lab to build up the design team's design system.

UX/ FRONT-END ENGINEER, U-ARK America Inc. Taiwan & Boston

Apr. 2016 - Mar. 2017

- Conducted front-end development for e-commercial, android app interface design, the company's brand image and commercial design with Adobe applications.
- Supported the featured APP, GuessGas, which won the Second Place of 2016 Boston University (BU) Summer Accelerator and the Third Place of 2016 Tech, Drugs, and Rock n' Roll at BU.

UX TEAM LEADER, Wistron Corp. Taiwan

Sep. 2014 - Aug. 2015

- Set up team's future goals, annual plans, and innovative topics.
- Established an effective work climate: created a work model of cooperation with external and internal teams and increased the efficiency of communication and execution.
- Developed an innovative model for evaluating UX research and relevant projects performance.
- Delegated tasks based on individual talents and executed projects for outstanding results.

SENIOR UX/ UI DESIGNER, Wistron Corp. Taiwan

Dec. 2012 - Aug. 2015

- User experience research: Studied user's emotions, preferences, responses, and behaviors to gain insights.
- Innovative ideas proposing: Brainstormed novel ideas from the insights of user research, collaborated with member of interdisciplinary backgrounds and constructed new product strategies.
- Interaction/User Interface design: Designed and developed the UI of TV, mobile app, and Web, including information architecture, wireframe, flow chart, front-end, and graphic user interface design.
- Prototyping: Made the mockups or simulators for demonstration and evaluated product usability.

FEATURED PROJECTS

Digital Innovation Lab Website - UX Engineer / Designer

Jul. 2018 - Aug. 2018

Conducted the UX research, design and development for Lab's website to promote Lab's capability and educate Syngenta stakeholders. Developed the website by using React framework.

PokeMeal - Meal sharing application - UX Designer

Sep. 2017 - Dec. 2017

Conceptualized a gamified meal sharing mobile app by exploring user needs. Created digital prototype through iterative design approach.

Music Wrap - UX Designer

Aug. 2013 - Jan. 2015

Created a transformative and wearable speaker for outdoor activities through usability study and user-centered design process.

HONORS

IF Design Award 2015, Design Excellence - Music Wrap

2015

Pilot Overseas Internships - Fellowship

2012

Sponsored by Ministry of Education Taiwan