

XIUXIU YUAN

1220 Mecaslin St. NW Apt 3553 Atlanta GA 30318 USA
678-860-4167 | yuanxiuxiu2013@gmail.com | xiuxiuyuan.com

EDUCATION

- Georgia Institute of Technology | Atlanta, GA Aug 2015 - May 2018 (expected)
M.S. Industrial Design, GPA 4.0
- Georgia Institute of Technology | Atlanta, GA Aug 2013 - Aug 2015
M.S. Public Policy, GPA 3.67
- Capital University of Economics and Business (CUEB) | Beijing, China Aug 2009 - Jun 2013
B.S. Human Resources Management, GPA 3.9 Ranking: 3/199
Minor: Finance

WORK EXPERIENCE

- Product Designer** Apr 2017 - Present
Yofo Medical Tech Co., Ltd. | Atlanta, GA
Consult for a Chinese healthcare company in designing a dental cone beam computed tomography(CBCT) scanner. Conduct market research for dental CT scanner and assist the company with market positioning and design strategy. Provide ideation sketches based on client's requirements and research findings; generate CAD models, 3D Printed models and renderings for internal company review. Cooperate closely with engineers and facilitate product manufacturing process. A patent application for the design is currently in process.
- Graphic Designer and Web Expert** Jan 2017 - Present
Georgia Institute of Technology IAC Communication Office | Atlanta, GA
Design brochures, programs, invitations, evites, posters, data visualizations, power point presentations, and other digital and print collateral. Provide technical expertise and develop digital designs and setups for MailChimp, college website, project management, and other technical programs. Manage/update and design websites including style, architecture, and functionality. Create page content through various Content Management Systems and HTML.
- Graduate Teaching Assistant** Jan 2014 - Dec 2016
Georgia Institute of Technology | Atlanta, GA
(1) PHIL3127 Science, Technology and Human Values
(2) CS4001 Computing and Society
(3) PHIL3109 Engineering Ethics
- Research Intern** Mar 2013 - Jul 2013
Hudson | Beijing, China
Supported Senior Managing Consultant Samson Liao and Accounting and Finance team. Conducted search for qualified candidates based on client's needs. Prepared candidates evaluation reports, including background checks. Managed appointments and held interviews in both English and Mandarin. Maintained company's database.
- Lead Researcher / Researcher** Jun 2011 - Sep 2011 / Jun 2012 - Sep 2012
Beijing Xicheng Human Resources and Social Security Bureau | Beijing, China
Designed survey questions with supervisor and staff representatives through semi-structured interviews. Conducted surveys, sorted survey results and coded results in Microsoft Excel. Conducted statistical analysis in IBM SPSS and submitted analysis reports with major findings. Managed the work of the whole team and coordinated efficiently with other stakeholders.

SPONSORED & LAB PROJECT

Wearable Device for Passive Haptic Learning and Rehabilitation

Aug 2017 - Present

Georgia Tech GVU Center - Contextual Computing Group | Atlanta, GA

Lead Designer Work with Human-Centered Computing Ph.D. student Caitlyn Seim and engineer students to design and conduct research on wearable device to understand and facilitate Passive Haptic Learning and Passive Haptic Rehabilitation.

User Specific Assistive Technology (MID Graduation Thesis)

Jun 2017 - Present

Georgia Tech Rehabilitation Engineering & Applied Research Lab | Atlanta, GA

Develop a system to facilitate physical therapist to design and deliver highly customizable hand-held switch controls for persons with disabilities. Research on parametric modeling software, rapid prototyping tools, and low-force switch mechanism. Conduct interviews with clinicians from Children Hospitals of Atlanta and Duke University to refine the design. Research and design an operational system, search for and test qualified components. Write scripts in parametric modeling software and design user interface. Test the system and refine the design.

System Level Combative Patient Restraint Design

Jan 2017- Mar 2017

Stryker – Medical Devices & Equipment Manufacturing Company | Atlanta, GA

Industrial Designer Developed a system level solution that allows for the restraint of combative patients to be quick, simple, safe and secure. Conducted first and secondary research. Used anthropometry and ergonomics findings to generate multi-purpose stretcher chair. Delivered sketches, CAD models, renderings and 1:5 scaled white model to industrial director and engineers from Stryker.

Boeing 777 Aircraft Galley Re-design

Oct 2016 - Dec 2016

Delta | Atlanta, GA

Industrial Designer and Group Leader Re-designed and configured galley design and packing process on Boeing 777 aircraft for Delta, to maximize space and accommodate all desired products. Our team particularly focused on coffee mug containers reconfiguration and reduced 20% of overall space usage. This project was featured in Delta's news press.

SKILLS, LANGUAGES & SOFTWARE

Research Statistical Analysis | Qualitative Analysis | User Experience Journey Map

Human Centered Design Ergonomics | Anthropometry

Visual Communication Sketch | Graphic Design | Storyboard | Photography

Prototyping CAD Modeling | 3D Printing | Rapid Prototyping | Arduino | Video Editing

Management Project Management | Finance

Programing Python | C | R

Web HTML | CSS | CMS

Languages English | Mandarin

Software Photoshop, Illustrator, Indesign, After Effects, Premiere Pro, Experience Design,

SolidWorks, Fusion 360, Rhino (Grasshopper), KeyShot, Axure, Sketch, Sketchbook,

Microsoft Office, IBM SPSS

HONORS AND MEMBERSHIP

2017 Purmundus Challenge 2016, Final List

2016 Georgia Tech Graduate Studio, Best in Show

2015 Autodesk Fusion 360 Challenge, 1st place

2015 - Present The Industrial Designers Society of America | Student Member