

CHRISTOPHER K WONG

Usability Research Fellow, User Experience Designer

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EDUCATION

University of Maryland, Baltimore County
Masters, Human Centered Computing (GPA 3.9)
PhD, Human Centered Computing (GPA, 3.8)

2015- 2017

May 2020

University of Central Florida
Masters, Modeling and Simulation

2010-2012

University of Texas at Austin
Bachelors, Linguistics and English

2004-2008

SKILLS

Usability and User Experience: Conducting Interviews/Focus Groups, Requirements Gathering, Personas, Design Sketches, Card Sorting, Prototype generation, Iterative Design
Project Management: Agile and Rapid prototyping, keeping meeting minutes and other documentation, creating documentation and presenting findings to leadership
Design: Photoshop, Axure, TinkerCad, Google Sketchup, Illustrator, Filmora
Programming: Python, C++, R, Kinect API, HTML, Java,
Data Analysis: SPSS, R, ELAN, Atlas.ti, Microsoft Excel, NVivo, Noldus

PROJECTS

SEER*EXPLORER (Usability Lead)

- Conducted a complete usability analysis on an existing tool
- Interviewed several key stakeholders to understand the system workflow of users
- Reviewed existing usability reports and generated new designs based on input

Annual Report to the Nation (User Experience lead)

- Interviewed stakeholders to understand key messages to deliver to general public
- Created usability heuristic evaluation documents and presented to leadership
- Re-designed website based on recommendations

Kinect Telestration (Primary Investigator)

- Assisted in coding a gesture-based interface utilizing the Kinect for telestration purposes in laparoscopic surgical training
- Conducted in-person interviews and video analysis on surgical operations to understand the role of technology
- Conducted quantitative and qualitative data analysis to iterate on prototypes

WORK EXPERIENCE

Usability Fellow

(NIH, February 2018-Present)

- Lead a number of different usability efforts for the Surveillance Research Program
- Applied Human-Centered Design research methods to several different projects
- Co-ordinated efforts between program and UX consulting firm

Teaching Assistant

(UMBC, January 2016-Present)

- Developed lesson plans for discussion sections
- Helped students to brainstorm redesigns of existing websites

Research Assistant

(UMBC, May 2014-January 2016)

- Collected qualitative and quantitative data through field experience
- Created Task Analysis based on video and communication of surgeons
- Co-ordinated efforts between overseas and hospital administration teams

AFFILIATIONS

President, HCIS student organization at UMBC

Association for Computer Machinery, Member

REFERENCES

Marina Matatova

Informatics Program Manager, NCI
marina.matatova@nih.gov

Amy Hurst

Graduate Program Director, UMBC
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