

Xiaodong (Xavier) Wu

UX Researcher & Designer

CONTACT	250-13450 102 Ave Vancouver, BC, Canada	xavierw@sfu.ca (604) 260-8716
PORTFOLIO	 Online Portfolio Page (portfolio.xavierwu.com)	
RESEARCH	Human-Computer Interaction, User Experience, Graphical User Interface	
UX/UI	Sketch, Principle, Flint, Tumult Hype, Adobe Photoshop, Illustrator	
PROGRAMMING	Python, Java, HTML/CSS/JavaScript, React	
SKILLS	<p><i>UI/UX Research & Design</i></p> <ul style="list-style-type: none">• Knowledge of wireframing & prototyping tools (Sketch, Principle, Axure RP)• Experience conducting usability studies using qualitative research methods• Strong analytical skills to articulate and rationalize ideas to stakeholders• Proficiency in front-end UI & JavaScript frameworks and libraries (e.g. Bootstrap, React, etc.) <p><i>Software Development</i></p> <ul style="list-style-type: none">• Development experience with Python frameworks like <i>Flask</i>• Created <i>Plexus</i>, an interactive visualization tool in Java through Twitter's and IBM's APIs• Strong knowledge of React.js, Redux, React Native and Git• Experience with cloud computing (AWS EC2, S3, etc)• Relational database and SQL Knowledge: MySQL, NoSQL	
EXPERIENCE	<p>UX Designer & Co-founder <i>VIVIA AI (ViviaAI.com) Vancouver, BC, Canada</i></p> <ul style="list-style-type: none">• Built AI image processing solutions using Python (Flask) and React JS• Collaborated with photographer staff to translate product requirements into technical specs• Implemented refined UX/UI designs to product development• Participated in the entire development lifecycle, from research, design through implementation <p>UX Research Intern <i>JDQ Systems Inc. Vancouver, BC, Canada</i></p> <ul style="list-style-type: none">• Designed a GUI for the assistive robot prototype, using Sketch, Principle, and JavaScript• Developed guidelines for accessible interaction design• Conducted semi-structured interviews and iterated the design process repeatedly	Jan - Jul 2019 May - Aug 2017
EDUCATION	<p>Simon Fraser University Surrey, BC, Canada M.Sc., Interactive Arts and Technology</p> <p>University of Tokyo Tokyo, Japan Visiting Researcher School of Information Science and Technology (IST)</p> <p>Hope College Holland, MI, United States B.S., Electrical Engineering (ABET Accredited)</p>	2019 Jan - May 2018 2016
PUBLICATIONS	<ol style="list-style-type: none">1. X. Wu, L. Bartram, C. Shaw, Plexus: An Interactive Visualization Tool for Analyzing Public Emotions from Twitter Data, 2017, arXiv:1701.06270, (PDF)2. X. Wu, M. Abrahantes, M. Edgington, MUSSE: A Designed Multi-Ultrasonic-Sensor System for Echolocation on Multiple Robots, In <i>IEEE Asia-Pacific Conference on Intelligent Robot System (ACIRS 2016)</i>, Tokyo, Japan, 2016 (DOI: 10.1109/ACIRS.2016.7556192) (PDF)3. X. Wu, P. D'Orazio, M. Edgington, M. Abrahantes, Robotic Echolocation Testbed Platform. In <i>International Electro/Information Technology Conference (EIT 2015)</i>, DeKalb, IL, USA 2015 (DOI: 10.1109/EIT.2015.7293397) (PDF)	