Nicole Tilly

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SUMMARY OF QUALIFICATIONS

- Coding experience in Python, Java, HTML, CSS, JavaScript, C#
- Have conducted ethnographic user research, robust product testing, and participated in numerous design projects
- Strong communicator – excellent technical and creative writing; comfortable interacting with diverse groups face-to-face
- Understanding of best practices in user-centered design & programming version control
- Familiar with design, programming, and analytics tools, such as GitHub, Axure, Tableau, Unity Engine, Firebase, SVN, D3

EXPERIENCE

Usability Researcher, *Rentr*   October 2015 – Present
- Research and usability testing for business project to be pitched at 2015 UW Business Plan Competition in March

Functional Systems Analyst, *Boeing Information Technology*   June 2015 – Sept 2015
- Updated and doubled number of script tests for bridge interface between manufacturing and commercial software teams
- Sorted and documented hundreds of batch files
- Java coder and technical writer for winning 4-person team in internal hackathon – our team automated a series of tasks for test engineers, estimated to save the company $50m when implemented
- Assisted in building similar automation system for bridge interface using C#, HTML, CSS, and Microsoft Web Services.

"Re-Pair" Research Group, *University of Washington, HCDE department*   Sept 2014 – Jun 2015
- 1 of 4 researchers working with a professor on an ethnographic study focused on the local "maker" community.
- Primary networker for pitching workshop idea to local crafts groups.
- Facilitated 3 of 5 workshops and later transcribed important moments from videos and recordings to collaborative documents
- Wrote and revised sections of paper "Out of Place, Out of Time: Reflections on Design Workshops as a Social Research Method"
- Our paper will be presented by the 2016 Computer-Supported Cooperative Work & Social Computing (CCSW) Conference

"Excuses, excuses" Project, *University of Washington, HCDE 310*   Sept 2014 – Jan 2015
- Quarter-long personal project in which I built a webpage using HTML, CSS, and Python with the Jinja2 template engine.
- Used Python and Jinja2 to grab and sort JSON data from external servers using RESTful APIs
- Utilized Firebase.io to host JSON files which could not be repeatedly called from their original source.
- Deployed website using Google App Engine
- Followed version control best practices by uploading changes to assembla.com using Subversion (SVN)

English Tutor, *Bellevue College*   Mar 2013 – Jun 2014
- Edited and proof-read personal and school-related writing for students
- Helped students understand English grammar, style, and structure

Server, Bartender, Team Leader, Acting Manager   Apr 2008 – Mar 2013

The Cheesecake Factory (Seattle, WA), Amsterdam Tavern (New York, NY), Sarabeths East (New York, NY), STOUT NYC
- Consistently high tip percentage reflects excellent customer relations
- Conflict resolution between customers and staff; new employee training

EDUCATION

University of Washington, *Seatle, WA*   Expected Dec 2016
- Bachelor of Science: Human-Centered Design & Engineering

Bellevue College, *Bellevue, WA*   Sept 2012 – June 2014

HONORS, AWARDS, AND SOCIETIES

- Engineering Department Scholarship (2014 – 2016) | University of Washington, Engineering
- Game Development Club (2015 – Present) | University of Washington
- Society of Woman Engineers, Member (SWE) (2014 – Present) | University of Washington
- Osher Re-Entry Scholarship (2014 – 2015) | Bernard Osher Foundation, University of Washington
- English Department Scholarship (2013 – 2014) | Bellevue College Foundation
- Phi Theta Kappa Honors Society (2013 – 2014) | Bellevue College