JENN CHAN

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EDUCATION

University of Washington, 2020 (expected) – Seattle, WA
Master of Science: Human Centered Design & Engineering

Pragmatic Marketing, 2017 — Seattle, WA
Foundation, Focus, and Build Certificate (Product Management Framework)

University of Washington, Spring 2016 – Seattle, WA
User-Centered Design Certificate

Rensselaer Polytechnic Institute, Class of 2014 – Troy, NY
Bachelor of Science: Computer Science | Cum Laude

PROJECTS & EXPERIENCES

SOFTWARE ENGINEER 2 & UI DESIGNER   Apr 2016 – Present
The Boeing Company: Boeing Global Services Analytics – Tukwila, WA
- Develop web application to aggregate analytics data using Angular 2
- Design web interface to visualize aircraft data
- Validate feature design by conducting user interviews

STUDENT UX RESEARCHER   Sept 2015 – Jun 2016
University of Washington – Seattle, WA
- Surveyed university students on their emailing and project collaboration behavior
- Designed screener survey and recruited students on campus
- Designed usability study and tested the Outlook mobile application with students
- Investigated the needs of pet owners aged 60+ using these methodologies: surveys, interviews, and guided tours of senior homes
- Prototyped a service to help seniors address their pet needs based on user research data

SOFTWARE ENGINEER   Aug 2014 – Apr 2016
The Boeing Company: Aviation Services Integration Center – Tukwila, WA
- Developed simulation software for airline operations in C++
- Prototyped a mobile single page application with Node.js to demonstrate to airline customers at a fleet conference
- Designed and implemented web UI to display real-time generated data
- Led team in agile development process as Scrum Master

SOFTWARE INTERN   Summer 2013
General Electric Aviation Systems – Grand Rapids, MI
- Developed software for the KC-46 aircraft in C++
- Worked in IBM Rational DOORS and with DXL scripts

UNDERGRADUATE RESEARCHER   Mar 2013 – May 2013
RPI Computer Science Department – Troy, NY
- Parsed web pages for Jeopardy! questions using Python
- Wrote database from the gathered information using SQLite

COMPUTER SCIENCE I LAB TEACHING ASSISTANT   Feb 2012 – May 2012
RPI Computer Science Department – Troy, NY
- Helped students work out basic algorithms
- Assisted students with programming issues in C++

LANGUAGES   Javascript (Typescript, jQuery), HTML, CSS, SCSS, Angular 2/4, C++, Python, SQL

ENVIRONMENTS   Visual Studio, Git (GitHub and GitLab), Photoshop, Balsamiq, Sketch, JIRA