


Robin Guan

206-859-8793 

hello@robinguan.com 

linkedin.com/in/robinguan 

github.com/RobinRobinG 

robinrobing.github.io 

Full stack developer and user experience designer with 5 years' experience devising practical solutions for multiple projects in the fields of healthcare, supply-chain management, and aerospace. Passionate about learning, problem solving, and user-centered design. Eagerly seeking opportunities to join open and collaborative teams and apply my design and development skills to exciting, innovative projects that exceed end user expectations!

Education

Professional Scrum Master Certificate

Web & Software Development

Project Management Certificate

Bachelor of Fine Arts in Industrial Design

Scrum.org 2020

Coding Dojo, Seattle 2018

University of Washington, Seattle 2014

University of Washington, Seattle 2003 – 2008

Relevant Experience

MAY 2019 – DECEMBER 2019

Full Stack Developer | Seattle Cancer Care Alliance, Seattle

- Worked closely with product owners and other engineers on the team to design and implement a web-based application with the React library for patients to fill out the National Chemotherapy Survey at the clinic instead of at home, improving patient response rate and user experience.
- Built highly re-useable React components and used Storybook to create documentation of components.
- Collaborated with cross-functional teams to design and implement event-driven AWS Lambda functions for automating the scheduling, activating, and expiring processes of various patient facing services.
- Contributed to and enhanced an NPM package for parsing events from AWS Lambdas. [[GitHub](#)]
- Wrote utility helper methods for quickly creating AWS Lambda handlers.
- Wrote unit tests and integration tests for all code modifications.

MAY 2015 – MAY-2019

UI/UX Designer | Net-Inspect, Kirkland

- Designed and implemented 3 major modules in a suite of web-based supply chain management SAAS tools; took broad, conceptual ideas and turned them into modern, responsive design flows and high-quality experiences; simplified and sped up end user's workflow. [[demo](#)]
- Brainstormed, prototyped, and created data-driven interactive charts; transformed complex concepts and data into visually engaging information according to modern design principles. [[demo](#)]
- Managed projects, communicated project specifications, performed end-to-end testing, and created bug reports in Jira.
- Collaborated with business stakeholders and the engineering team to develop project requirements, feature specifications, identify user needs and pain points, and translated them into elegant design solutions.

JUNE 2011 – APRIL 2015

Multimedia Developer | The Boeing Company, Renton

- Designed, researched, developed, and delivered on time all new flight and maintenance training manuals using Adobe Creative Suite, optimized for clarity and readability.
- Led a redesign of an online Learning Management System; executed front-end design and development, rethought the information architecture, optimized workflows, and created wireframes for mobile-friendly applications.
- Produced complex 2D and 3D illustrations, design layouts, and other interactive graphic media for Boeing Flight and Maintenance Training.
- Created design standards, processes, and version controls for paper and electronic flight manuals.
- Managed the development of Boeing 360 Virtual Reality Tours website, including development using HTML5, CSS and JavaScript; conducted usability studies, and created materials for training and maintenance.

Skills

Development

- HTML5, CSS, JavaScript (ES6)
- React, Redux, Styled-component
- Node, Express
- Mocha, Jest
- Angular, Backbone, Underscore
- Python, Django, Flask
- C#, ASP.NET Core, Entity
- Relational Database – MySQL, PostgreSQL
- NoSQL – MongoDB, Redis

Design

- Creative concept development
- Wireframing/Storyboarding
- Information architecture
- User interface/User experience
- Responsive Design
- High-fidelity and low-fidelity prototyping
- Print design and illustration

Tools

- Adobe Suite
- Sketch
- InVision
- Squarespace/Shopify/WordPress
- Microsoft Office 365
- Visual Studio Code
- Postman
- Git
- Jira
- Scrum