

Junhong Wang

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Education

University of California Los Angeles

B.S. COMPUTER SCIENCE

Los Angeles, CA

December 2020

Berkeley City College

A.S. MATHEMATICS

Berkeley, CA

May 2018

Skills

Languages JavaScript, Swift, Python, C++, Java, Ruby, PHP, MySQL

Frameworks TypeScript, React, Django, ReSwift, RxSwift

Experience

Software Engineer Intern

THE B. JOHN GRARRIK INSTITUTE FOR THE RISK SCIENCES

Los Angeles, CA

April 2019 - PRESENT

- Develop a system reliability analysis web application for NASA's Jet Propulsion Laboratory (JPL)
- Migrate 80% of the code base from Javascript to Typescript
- Build a node selection dialog where users can input data to a node/event
- Build encoders/decoders for fault tree, event tree, and Beysian network with mxGraph

iOS App Developer Intern

TEAMLAB

Tokyo, Japan

July 2018 - September 2019

- Develop an app for an electronics retailer (1.5 million users) in a team of 12
- Implement tutorial pages for the app from scratch
- Implement skeleton view when there is an asynchronous data fetch
- Implement tutorial popups in various places of the app

iOS App Developer Intern

MARUME

Berkeley, CA

June 2016 - August 2016

- Develop a product review app in a team of 2
- Update designs of buttons and layouts
- Build user profile page from scratch

Projects

Digit Recognizer

- Build a MNIST digit recognizer with various machine learning algorithms in Python and sklearn
- Byproduct of my 100-day machine learning challenge, where I learn fundamental of machine learning 100 days in a row

GlanceRMP

- Develop a JavaScript extension that helps students at Peralta Community Colleges choose classes
- Scrape data from ratemyprofessors.com and display the ratings on each course listing

Museum 3D

- Develop a virtual museum with WebGL in a team of 3 as a computer graphic class project
- Implement advanced graphics features such as SkyBox, Water, and Mouse Picking

Awards

Best Implementation of Idea

- Develop a mock up of Bruin Board, a platform where UCLA students can leverage each other's skills to grow and better the community
- Follow Google Ventures Design Thinking framework with an industry coach from Google