WEI MIAO

WORK EXPERIENCE

JUNE 2018 – AUGUST 2018

Adams Online Ventures, Remote
Software Engineer

Developed an ETL pipeline for customer data using Python. Extracted, preprocessed data from files in different formats/schemas. Loaded the transformed data into MySQL.

MARCH 2017 – JULY 2017

STRYD, Boulder
Mobile Software Engineer

Developed on-boarding tutorial for Stryd product in the iOS and Android app. Prototyped an Apple watchOS app that can connect to a wearable device via Bluetooth.

MARCH 2015 – AUGUST 2017

ROBAUTO, Boulder
Software Engineer

Responsible for educational robot platforms development. Built a robot operating system based on Raspbian. Developed a Web UI and an Android app for controlling the robot. Led and organized robot workshops for kids and families at local libraries and elementary schools.

FEBRUARY 2011 – JULY 2013

PACTERA, Beijing
Software Engineer in Test

Led mobile phone modem firmware integration testing for ST-Ericsson.

JULY 2010 – JANUARY 2011

BEYONDSOFT, Beijing
Software Engineer in Test

Led functionality and localization testing for Sky-Drive (Microsoft).

PROJECTS

Web Development

Job Hunting Assistant: Help users to manage and track their job applications. *(HTML, CSS, Bootstrap, jQuery, Firebase)*
Trivia game: Two player trivia game. *(HTML, CSS, Bootstrap, Vue.js)*

Mobile App Development

Android: Weather Report App. *(Android Studio, Open Weather API, Google Map API)*
iOS: Clothes Management App. *(Xcode, Swift, Firebase)*

Information Visualization

Web based visualization: Yelp Rating Prediction and Visualization. *(Python, HTML, D3.js)*

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SUMMARY

Looking for a software engineer full-time position. Proficient in front end development.

EDUCATION

2017 – 2019	Creative Technology and Design
	MASTER OF SCIENCE
	Anticipated Graduation: 2019
	Running GPA: 3.7/4.0 ATLAS, CU Boulder
2006 – 2010	Computer Science
	BACHELOR OF SCIENCE
	Jilin University, China

RELEVANT COURSEWORK

– Design and Analysis of Algorithms

– Applied Machine Learning

– Information Visualization

– Big Data Architecture

– Web/Mobile App Development

SOFTWARE SKILLS

– Programming Languages:
  Java, Swift, JavaScript, Python, C, C++, HTML, CSS

– Frameworks/Library:
  Node.js, React, Vue.js, D3.js, Pandas, Plotly

– Tools:
  Xcode, Android Studio, MySQL, Firebase, OpenGL, Unity, Tableau, Linux, Git, SolidWorks

TEACHING EXPERIENCE

JUNE 2018 – AUGUST 2018

Department of Electrical Engineering, CU Boulder
Teaching Assistant

Designed lab contents for Digital Design Lab using C and Java.

AUGUST 2017 – DECEMBER 2017

CU SCIENCE DISCOVERY, Boulder
Coding Club Instructor

Led an after-school coding club at Angevine Middle School.