

WEI MIAO

WORK EXPERIENCE

MARCH 2015 – PRESENT

ROBAUTO, Boulder

Robotics Engineer

Responsible for BiBli robot platform development. Built BiBli operation system based on Raspbian. Developed web UI and Android app for the robot operation. Designed and built robot prototype with 3D printing and laser cutting. Led and organized robot workshops for kids and families at local libraries and elementary schools.

MARCH 2017 – JULY 2017

STRYD, Boulder

Mobile Software Engineer Product Manufacture Manager

Developed on-boarding tutorial of the iOS and Android app for Stryd product. Supervised product manufacture on-site in Shenzhen, China.

FEBRUARY 2011 – JULY 2013

PACTERA, Beijing

Software Test Engineer

On-site contract job at ST-Ericsson for mobile phone modem firmware integration testing. Developed and ran test cases for voice call quality, SMS sending and receiving, Wi-fi, Bluetooth and GPS navigation. Generating test report and reported testing bugs, tracking and verifying bug fix in version iteration. Technical support for customers.

JULY 2010 – JANUARY 2011

BEYONDSOFT, Beijing

Software Test Engineer

Led functionality and localization testing for SkyDrive (Microsoft). Ran Localization testing for Windows Small Business Server (Microsoft). Set up testing environment, ran and maintained test cases. Generating test report and tracking bugs in regression testing.

AUGUST 2017 – PRESENT

SCIENCE DISCOVERY, Boulder

After-school Coding Club Instructor

Leading an after-school coding club at Angevine Middle School. Teaching coding concepts and computational thinking for middle school students. Improving their coding skills by practicing on different coding platforms including: Scratch, Swift Playgrounds, App inventor, Arduino and so on.

COMMUNICATION SKILLS

MANDARIN Native speaker

ENGLISH Oral: good – Written: good

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SUMMARY

Looking for a summer internship position as a software engineer. Has developed several web and mobile apps, including a remote robot operation system using Raspberry Pi and a webcam.

EDUCATION

2017 – 2019	Tech, Media and Society MASTER OF SCIENCE Anticipated Graduation: 2019 Running GPA: 4.0/4.0 ATLAS, CU Boulder
2006 – 2010	Computer Science BACHELOR OF SCIENCE Jilin University, China

SOFTWARE SKILLS

GOOD LEVEL	Swift, Java, HTML, CSS, JavaScript, Xcode, Android Studio, Git, SolidWorks, Firebase
INTERMEDIATE	Python, C, C++, OpenGL, Unity
BASIC LEVEL	MySQL, Linux

RELEVANT COURSEWORK

- Object-Oriented Programming
In C++
- Mobile App Development
iOS and Android
- Web Front-End Development
HTML, CSS, JavaScript, jQuery
- Computer Graphic
OpenGL
- Game Design
Unity, Android, iOS

PROJECTS

MOBILE APP	Android: Weather Report App iOS: Clothes Management App iOS: Words Filling Game
WEB APP	Global Water Scarcity: Call people to save water Job Hunting Assistant: Help users to manage and track their job application
ROBOT	BiBli - ROBAUTO Mirabot - CU Boulder Science Discovery