
Yuming Jin

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Objective

Junior of Computer Engineering. Interested in area of Electronics & Programming. Looking for Summer 2019 Inter-ships and one semester Co-Op.

Education

Computer Engineering, B.S. 2020, Current
University of Illinois at Urbana-Champaign - Urbana-Champaign, IL, US GPA: 3.50/4.00

Specialized Courses

Control Systems	Data Structures	Robotics
Digital Systems	Computer Security	Interactive Computer Graphics
Mobile Computing and Applications	Algorithms & Models	Computer System Engineering

Work History

Intern in Vispractice Cloud Computing Group 06/2017 – 08/2017, Full-time Internship
Shenzhen Vispractice Technology Co.,Ltd. - Nanshan Science and Technology Park, Shenzhen, China
◊ Trained for understanding Linux Virtual Machine, Filesystem & Amazon S3 API
◊ Learn to construct custom filesystem with FUSE, test and mount under VM environment
◊ Further study of **Python** web scraping & **MYSQL** database constructing
◊ Build Search Engine with **Haystack** & **Whoosh**, and design web page using **Django**.

Intern in GST Technology Development Department 05/2015 - 06/2015, Full-time Internship
Shenzhen Hualistone Technology Co.,Ltd. - Hengchangrong High-tech Industrial Park, Shenzhen, China
◊ Trained in designing & producing Digital Television tuner. Focus on **PCB** layout, soldering & testing

Projects

(Codes available in GitHub)

Mobile Computing and Applications Final Project, Walk Distance Tracking 04/2018 - 05/2018
◊ Tracks the walking distance of the device carrier by analyzes the Accelerometer, Gyroscope and Magnetic Field data collected from the device using **MATLAB**.

Control Systems Final Project, The Reaction Wheel Pendulum(RWP) 04/2018 - 05/2018
◊ Investigates counteracting the effect of friction in the motor by friction compensation.
◊ Finally Control of the complete RWP using **MATLAB**.

Introduction to Electronics Final Project, Laser Guitar Prototype 04/2017 - 05/2017
◊ Cutting the laser beams with finger will triggered differnt sounds. Written in **Arduino**.

Personal Project, Past Papers Viewer 01/2016 - 05/2016
◊ A Windows App which helps the users to easily locate the paper and view it through the App. Written in **C#**.

Personal Project, MOPO Forum 01/2015 - 12/2015
◊ An IOS forum App for MOPO (Mangrove Protection Organization) which allows the members to publish posts and read news. Written in **ObjectiveC** and used **MySQL**.

League of Legend Characters' Outfit Designing Project 04/2014 - 06/2014
Tencent Holdings Limited - Tencent Building, Shenzhen, China
◊ Lead by experienced Tencent game designers to create game outfits using CAD