
Yuming Jin

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Objective

Looking for Spring 2022 Full-Time Job & Winter/Summer Internship.
Interested in Robotics related positions. Open to any positions.

Education

Computer Engineering, B.S.

University of Illinois at Urbana-Champaign - Urbana-Champaign, IL, US

May 2020

GPA: 3.33/4.00

Robotics, M.S.

Northwestern University, IL, US

2022, Current

GPA: 3.475/4.00

Specialized Courses

Robotics Manipulation
Design of Elements

Mobile Applications
VR Game Design

AI, ML & Computer Vision
Control Systems

Work History

Software Developer & Tester, Co-op at Nokia Small Cell Group

01/2019 – 05/2019, Full-time Co-op

Nokia Corporation - 2000 W Lucent Ln, Naperville, IL 60563

- ◇ Create an **Android** mobile app using **Java** that helps testers and customers to deploy/test Small Cells using BT
- ◇ Main software tester of the team that identify customers feedbacks and improve the UI
- ◇ Write bug reports and manage Git repository
- ◇ Multinational team working and successfully demo the product beyond expectation

Cloud Computing Developer, Intern at Vispractice

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**.

Projects

Embedded Systems in Robotics Final Project, Connect-4

10/2020 - 12/2020

- ◇ Codes the Sawyer robot to play connect 4 against a human player

Mobile Manipulation Capstone Project, youBot CoppeliaSim Simulation

11/2020 - 12/2020

- ◇ Plans a trajectory for the end-effector of the youBot mobile manipulator, performs odometry and feedback control to drive the youBot to pick up a block and drop it at a desired location.

Theory of Machine Dynamics Final Project, Jack in Cup Simulation

10/2020 - 12/2020

- ◇ Simulates the physical system of a "jack" in a "cup". Written in **Python**

Mobile Computing and Applications Final Project, Walk Distance Tracking

04/2018 - 05/2018

- ◇ Tracks the walking distance of a mobile device carrier by analysing the accelerometer, gyroscope and magnetic field data collected using **MATLAB**.

Personal Project, MOPO Forum

01/2015 - 12/2015

- ◇ An IOS App for MOPO (Mangrove Protection Organization) which allows the members to post and read threads. Written in **ObjectiveC** and used **MySQL** database.