Yuming Jin

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⋄ Website: `https://frogjin.github.io` ⋄ GitHub: `https://github.com/frogjin`
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Objective

Interested in Robotics related intern/full-time. Open to any software/electrical/mechanical engineering positions.

Education

Computer Engineering, B.S.   May 2020
University of Illinois at Urbana-Champaign - Urbana-Champaign, IL, US   GPA: 3.33/4.00

Robotics, M.S.   Dec 2021
Northwestern University, IL, US   GPA: 3.62/4.00

Work History

Software 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 imporve 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

(Details available on `https://frogjin.github.io`)

Tim Multi-Interfacing Bluetooth Device `Rehabilitation` `BT` `Python`   04/2021 - 12/2021
⋄ Turn wheelchair interface signals into Bluetooth joystick signals for Linux/Android applications.
⋄ Allow wheelchair user's to use their customized interface to play joystick supportted games.

Chameleon, Camouflaging Turtlebot `Bionics` `ROS` `C++`   01/2021 - 03/2021
⋄ Add camouflage feture to turtlebot and make it "invisible" from the front view.

Connect-4, Sawyer AI `Computer Vision` `Minimax` `ROS` `Python`   10/2020 - 12/2020
⋄ Utilize a Sawyer robot arm to play the connect-4 game against a human player.

Walk Distance Tracking App `Android` `MATLAB`   04/2018 - 05/2018
⋄ Tracks the walking distance of the device carrier by analyzes sensors data from Android device.

Laser Guitar Prototype `Mechatronics` `Arduino`   04/2017 - 05/2017
⋄ Cutting the laser beams with finger will triggered differnt sounds.

Past Papers Viewer `Windows` `C#`   01/2016 - 05/2016
⋄ A Windows App which helps the users to easily locate the paper and view it through the App.

MOPO Forum `IOS` `MySQL` `ObjectiveC`   01/2015 - 12/2015
⋄ An IOS forum App for MOPO (Mangrove Protection Organization) to post news.