

Ji Tin Justin Li 李志天

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Education

Illinois Institute of Technology, Chicago, IL
Master of Computer Science

May 2020

The Hong Kong Polytechnic University
Bachelor of Engineering: Mechanical Engineering

May 2017

Skills

- C/C++, C#, Java, Python
 - Familiar with Unix-based systems. Proficient in automation shell scripting in Bash.
 - Experienced with distributed software with Hadoop and Spark
 - Basic SQL queries with MySQL and MSSQL
 - .NET Core, ASP.NET
 - Configuring and programming micro-controllers (Raspberry Pi and Arduino)
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Previous Projects

Distributed File System Benchmarking on Raspberry Pi Cluster

- Setup operating systems on a cluster of Raspberry Pi single board computers
- Configured network components in private network (dhcp, dns)
- Deployed and benchmarked data rates for HDFS and YARN (store, retrieve and processing)

.NET Discord Audio Streaming Bot

- Utilized C# dependency injection framework with ServiceProvider
 - Imitated user interaction with webpages with client scripts using python selenium
 - Handled asynchronous methods with innate C#
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Work Experience

Shinryo (Hong Kong) Limited

Mechanical Engineer Internship

Jun 2016 – Aug 2016

- Assured ductwork design feasibility of AC subsystems in Hong Kong Mass Transit Railway(MTR) station
- Diagnosed AC subsystem sectional pressure using VBA enabled Excel spreadsheets
- Identified, marked and discussed ductwork design issues with colleagues

G.T. (Ellen Yeung) College (Secondary Section), Hong Kong

Clerk (Part-time)

Jul 2015 – Aug 2015

- Assisted in preparation of teaching materials, including typesetting, photocopying and binding materials.