

Derek Lin

Software Developer

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WORK EXPERIENCE

NYC Department of Health and Mental Hygiene, Queens, NY — *Java Developer*

MARCH 2021 - PRESENT

- Creating Maven model for Family and Youth Peer Support (FYPS) Services for reporting and tracking client services and progress, provided training documentation for providers
- Responding to and resolving ITPM5 tickets, providing IT assistance to government applications, implementing SQL database configurations required for caller's needs
- Providing data analysis of monthly ITPM5 tickets using excel

Schindler Group, Morristown, NJ — *Software Engineer*

JULY 2018 - SEPTEMBER 2020

- Created adapter application that translates signals produced by elevator components into useful data and statistics for diagnostic purposes and error signaling
- Created UI application through QT using C++ for coworker's automation testing program. Integrated MQTT messaging between UI and program
- Remote product maintenance, including diagnosing and resolving elevator/escalator component issues remotely through SSH or communication with Field Technicians

Prudential, Newark, NJ — *Summer Intern*

JUNE 2015 - AUGUST 2016

- Understanding financial GAAP and STAT systems, documentation of existing SQL procedures
- Programming in MSSQL, Java/Eclipse EE developer, HTML
- Researching web service security, helped to debug possible information leaks

PROJECTS

HTML and CSS Reference Guide

- Web Application containing quick reference to HTML, CSS, and Javascript syntax.
- Created using HTML, CSS, Javascript, and Github pages

EDUCATION

Rutgers University, New Brunswick, NJ — *B.A. in Computer Science*

SEPTEMBER 2014 - MAY 2018

Courses: Data Structures, Systems Programming, Statistical Analysis, Intro to Artificial Intelligence, Linear Algebra, Calculus 3

SKILLS

Unit testing, Excel, OOP, Troubleshooting, Debugging, CI/CD, Data Analysis, IT

CODING LANGUAGES

Java, Python, Javascript, HTML5, CSS5, C/C++, SQL

PROGRAMS/OS

Windows, Linux, Eclipse, Visual Studio Code, Git, Pycharm, QT, MS Office, Shell, Git Bash

TECHNOLOGIES

React, Redux, Node.JS, PostgreSQL, Rest API, AWS, MongoDB, jQuery, MySQL, MSSQL