

Derek Lin

Software Developer

Elmwood Park, NJ, 07407

(973) 727-2042

derecdlin@gmail.com

linkedin.com/in/derecdlin

github.com/derecdlin

WORK EXPERIENCE

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

MARCH 2021 - PRESENT

- Constructing Maven model for Family and Youth Peer Support (FYPS) Services for reporting and tracking client services and progress, provided training documentation for providers
- Creating script using SQL and Logi to produce monthly reports for Audit Tracking System (ATS), allowing associates to accurately and efficiently track audits
- 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 weekly and monthly ITPM5 tickets using Excel

Schindler Group, Morristown, NJ — *Software Engineer*

JULY 2018 - SEPTEMBER 2020

- Building adapter application that translates signals produced by elevator components into useful data and statistics for diagnostic purposes and error signaling, reducing elevator down time by 70%
- Producing UI application through QT using C++ for coworker's automation testing program. Integrated MQTT messaging between UI and program
- Maintaining remote product, including diagnosing and resolving elevator/escalator component issues remotely through SSH or communication with Field Technicians, decreasing product issues by 95% and increasing factory productivity by 45%

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

PROJECTS

HTML and CSS Reference Guide

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

EDUCATION

Rutgers University, New Brunswick, NJ — *B.S. 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, Node.JS, MSSQL, Rest API, AWS, MongoDB, jQuery, MySQL, PostgreSQL

INTERESTS

Christianity, Volleyball, Cooking, Weight Lifting, Tennis, NBA, Boardgames, Videogames