

Kevin J. Diaz

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Experience

Columbia Secondary School - IT Specialist

February 2018 -

- Troubleshoots and resolves hardware and software computer issues (Windows/Mac OS X)
- Manages G Suite domain of several thousand users
- Creates documentation for the IT department
- Builds software tools to help improve the efficiency of the IT department
- Maintains and operates equipment including printers, projectors, light (DMX) and audio equipment

LIINC- Summer Intern

July 2017 - August 2017

Lab for Intelligent Imaging and Neural Computing, Columbia University

- Learned about the operation of and use of a Functional Near Infrared Spectroscopy(FNIRS) machine
- Helped collect data for a project where the intent was to observe neural correlates during a gambling paradigm using FNIRS
- Refactored Matlab R2014 based NIRS-SPM data analysis software for compatibility with Matlab R2017

HK Maker Lab - Summer Program

July 2016 - August 2016

- In a group of 4, designed and built a biomedical device to aid the insertion of an Intravenous Catheter into a vein
- Learned basic engineering processes including design, prototyping, troubleshooting, and business planning

Education

City College of New York, New York, NY

August 2017 - Dec 2019

Columbia Secondary School, New York, NY

September 2010 - June 2017

Skills

- Efficient in the use of and repair of Microsoft Windows 7/8/10 and Linux machines
- Ability to design a product using the engineering process
- Programming/Scripting Languages: Bash, C/C++, Java, Python, SQL/SQLite
- Design Languages: CSS, HTML, Qt 5, Markdown, L^AT_EX, Java Swing/AWT, Kivy, Tkinter
- Bilingual in English and Spanish; Proficient in both

Awards

- **NYS Seal of Biliteracy** June 2017
- **Top Design Award** - HK Maker Lab August 2016
- **Passion For Engineering** - School Award June 2015
- **Academic Achievement in Engineering** - School Award June 2014

Links

- <https://github.com/kevrocks67> - **Programming Projects**
- <https://kevrocks67.github.io> - **Personal Website**