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, $\text{L\!}^{\text{A}}\text{T}_{\text{E}}\text{X}$, 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**