Kevin J. Diaz

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Experience

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

Bluestamp Engineering - Summer Program   June 2015

- Chose 2 engineering projects from a list of kits and built them to learn basic engineering concepts
- Able to explain with detail how each part of the project worked
- Learned troubleshooting skills

Education

City College of New York, New York, NY   August 2017 -

- GPA: 3.54/4.0

Columbia Secondary School, New York, NY   September 2010 - June 2017

Skills

- Strong understanding of basic electrical and electronic concepts
- Efficient in the use of and repair of Microsoft Windows 7/8/10 machines
- Ability to design a product using the engineering process
- Programming/Scripting Languages: Arduino, Java, Processing, Python
- Design Languages: CSS, HTML, Java Swing/AWT, Kivy, Tkinter
- Bilingual in English and Spanish; Proficient in both
- Determined and motivated leader

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**