Sean M. Stockwell

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Education:

The University of Michigan – Ann Arbor *Expected Graduation Date: December 2018*
Bachelor of Science in Engineering, Computer Engineering
GPA: 3.47/4.0

Warren Township High School, Gurnee, IL *Graduated May 2015*
Summa Cum Laude Graduate

Relevant Coursework:

EECS 215: Introduction to Electric Circuits*;* *Fall 2016*
EECS 280: Programming and Data Structures
EECS 281: Data Structures and Algorithms *Winter 2017*
EECS 270: Foundations of Logic

Clubs/Affiliations:

Eta Kappa Nu, Computer Science and Engineering Honor Society *September 2016 – Present*

Research and Work Experience:

UM Direct Brain Interface Laboratory *September 2016 – Present*

- Collaborating with graduate students to create a cognitive assessment test accessible for those with significant movement and speech impairments
- Adapting a version of the BCI2000 software program so that the cognitive assessment test can be taken by eye gaze rather than utilizing complex signal processing from a brain computer interface

Rainbow Medical Devices *July 2015 – Present*

- Developed working drawings using Autodesk Inventor for multiple medical devices now in production
- Aided in the product design, working within an innovative and creative startup atmosphere

Gurnee Park District Aquatic Center, Gurnee, IL *July 2014 – September 2016*

- Customer Service Manager *March 2016 – September 2016*
    - Oversaw daily operation of ticket office and café
    - Responsible for completing payroll and scheduling
    - Resolved customer relation issues by identifying and rectifying the problem
    - Evaluated and provided feedback to staff members

Independent Projects:

Financial Market Analyzer *May 2016 – July 2016*

- Served as an introductory project to Python and some of Python's libraries, such as NumPy and Pandas
- Constructed various helper functions to analyze volatility and other graph properties from historical price data

Additional Skills:

Languages: HTML/CSS, Python, C++, Matlab, LaTeX, Verilog
Software: Linux, Windows Visual Studio, Microsoft Excel, Autodesk Inventor