

Kevin Myers

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Computer Skills

Proficient in Java, C++, JavaScript, React, CSS, HTML, Git, R, and Python; use of Microsoft Excel, Word, and PowerPoint; Wolfram Mathematica, and MatLab; Autodesk AutoCAD and Inventor; ANSYS, ANSYS Workbench; Solidworks; MathCad; Agile and Oracle.

Objective

To obtain a position as a software engineer at an engineering firm.

Education

Lafayette College

Bachelor of Science, Mechanical Engineering

May 2015, Easton, PA

GPA: 3.06

Boston University, Metropolitan College

Certificate of Computer Science

June 2016, Boston, MA

GPA: 4.00

Boston University, Metropolitan College

Master of Science, Computer Science

June 2016, Boston, MA

GPA: 3.89

Honors

Dean's List

At least 3.60 in a term during of 3 or more courses.

Senior Spring Semester, 2015

Professional Experience

Hologic, Inc., Mechanical Engineering Intern

June 2014 to August 2014, Newark, DE

Summer internship designing and machining fixtures for use in the production of the x-ray detectors. Designed two major fixture projects, created small production tools, and wrote documentation for products, using Solidworks for all designs, and Agile for organizing documentation. Also gained experience ensuring certification of materials in ROHS and Reach Compliance. Worked directly under the head of Mechanical Engineering at the Newark facility.

Academic and Project Experience

Diversity Dashboard "AngelHack" Hackathon Project

Summer 2017, Boston, MA

Frontend design Project to create a portion of an online dashboard application to assist diversity officers at large firms keep track of metrics and spending in diversity. For the hackathon, the team developed the events tracking and planning portion of the dashboard application, and presented it to a series of judges. I was personally responsible for coding the body and style of the main homepage, events pages, and other windows, allowing me to demonstrate my knowledge of Javascript, html, and css.

Biomedical Senior Design Team

Fall 2014 to Summer 2015, Easton, PA

Design project to create a handwriting teaching robotic arm to assist with teaching children with ASD, ADD, and cerebral palsy handwriting. Directly involved with the biomechanical and design teams. The project was selected as one of six designs to be presented at the 2015 Summer Biomechanics, Bioengineering and Biotransport Conference (SB3C2015) in June 2015. I was personally responsible for writing Java code for biomechanical analysis of the hand, programming the data management within the controlling Arduino controller, and cooperating in writing the user interface.

Extra-Curricular Experiences

ASME Strato-SAT Program

Fall 2015 to Spring 2015, Easton, PA

Tested rockets for preparation of a balloon-based launch to accomplish live telemetry at near-space altitudes. Assisted with GPS tracking preparation and test rocket modification.