Kevin Myers

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Objective

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

Education

Lafayette College   **May 2015, Easton, PA**
Bachelor of Science, Mechanical Engineering   GPA: 3.06

Boston University, Metropolitan College   **June 2016, Boston, MA**
Certificate of Computer Science   GPA: 4.00

Boston University, Metropolitan College   **June 2016, Boston, MA**
Master of Science, Computer Science   GPA: 3.91

Honors

Dean's List   **Senior Spring Semester, 2015**
At least 3.60 in a term during of 3 or more courses.

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.

Armour Technologies, Engineering Intern   **May 2013 to January 2014, Swarthmore, PA**
Responsibilities include working in PLM 360, a product life management program. Became the leader in preparing the system up for Armour Industries products, providing key experience in product life management as well as computer science skills through Java programming. Brought the program from prototype to everyday usage, and helped train other interns in use of the program.

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.

Excel Scholar Research Internship, Lafayette Economics Department   **Summer 2012, Easton, PA**
Worked in a team of students and professors on a research project to create a model to look into the future of the cell phone industry and how to internalize the costs to the environment. Personally responsible designing the drivers and an interface between the model and the end user using Java.

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.

Computer Skills

Proficient in Java, C++, JavaScript, 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.