David Daly

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Key Competencies

- JS, HTML, and CSS front-end development
- Experience developing Angular app
- Python and JS back-end experience
- Proficient in Excel and VBA programming

Coding Experience

UPenn LPS Coding Bootcamp   October 2020 – Current
- Enrolled in 24-week coding boot camp to become a professional full-stack developer
- Technologies Learned – Git | HTML, CSS, JS | Node.js, Express.js | React, MERN | SQL, NoSQL

Personal Projects   Before Bootcamp
- Creating full stack web-app for a fantasy football site to practice and grow my web development skills
- Leveraged Technologies – Front End: Angular (HTML, CSS, JS) | Rest API: Python Flask | Database: MongoDB

Work Experience

ExxonMobil Global Projects Company   March 2019 – Current
Project Engineer: Central Project Management   Houston, TX
- Developed 2 tools that estimate the cost of civil and marine infrastructure scopes of capital projects
- Interacted with project teams to ensure their cost and schedule estimates were accurate and included total scope
- Maintained already existing estimating tools to ensure that they were producing accurate costs
- Managed revision and access control of over 750 documents and estimating tools

Internship Experience

General Electric Power   May 2018 – August 2018
Manufacturing: Operations Management Leadership Program Early Identification Internship   Greenville, SC
- Created and qualified over 20 work instruction methods for various repair procedures
- Formulated a new operation that will increase sustainability and decrease costs across the repair process
- Participated in a Lean Action Workout as well as assisted the lean team in designing and building tools to improve a new lean manufacturing line
- Managed multiple quality projects to help the manufacturing floor improve quality, improve safety, and save time

General Electric Energy Connections   August 2016 – December 2016
Project Management: Operations Management Leadership Program Early Identification Internship   Anaheim, CA
- Directed all phases of implementation of an RFID system
- Designed the RFID System to monitor calibration dates and location of assets around the service shop
- Developed software in C# that can talk with RFID reader and help manage tool database

Bloom Energy   May 2016 – August 2016
Manufacturing Engineering Internship   Newark, DE
- Drove engineering investigation on why a certain component of the manufactured product was experiencing prevalent failures
- Developed tests that would examine the strength of the failing element after altering the installation procedure
- Modified installation work instructions based off results found through testing
- Designed a new top cover for the manufactured product, utilizing the design for manufacturability process
- New design utilized 67% less parts, cut 30 minutes of installation time, eliminated all welding from assembly process, and was 15% less expensive

Communications Test Design Inc.   June 2015 – August 2015
Mechanical Engineering Internship   West Chester, PA
- Designed, engineered, developed, and executed mass production of two new fixtures for Amazon to test Kindles, tablets, and the new Echo Speaker
- New designs enabled Amazon to quickly and efficiently test all their old and new Kindle and tablets which had proven to be an expensive challenge in previous design concepts

Education

Clemson University   Clemson, SC
Bachelor of Science in Mechanical Engineering   December 2018
Cum Laude   **GPA: 3.7/4.0**