

David Daly

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Coding Experience

Coding Technologies Learned and Applied

- JS, HTML, CSS
- jQuery, Bootstrap
- Python (Flask)
- Node.js
- Angular
- SQL & NoSQL – MongoDB

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
- Projects Created – Movie Timeline App | Weather Dashboard | Daily Planner | Coding Quiz | etc.

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
- Other Projects – Football Scores Viewer | Veggie Kales Recipe Keeper | FishHawk Capital Website | etc.

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
- 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
- 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

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 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
- 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

University of Pennsylvania College of Liberal and Professional Studies

Online Course

Full-Stack Coding Bootcamp

April 2021

6-month coding bootcamp to learn all the necessary skills to become a professional full-stack developer.