

# David Daly

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## Key Competencies

- JS, HTML, CSS, jQuery, Bootstrap
- React, Angular
- WebSocket – Socket.io
- Node.js, Express.js
- Python
- MySQL & MongoDB

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## Work Experience

### Effikas LLC.

February 2021 – Current

*Full Stack Developer*

Remote

- Developing Full Stack MERN App from scratch for RFID software company start-up
- App allows the client to easily track their asset's location and status via created API
- Creating infrastructure and API that connects the RFID readers to the database for real-time updates

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### ExxonMobil Global Projects Company

March 2019 – February 2021

*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

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## Full-Stack Projects

### Bootcamp Projects

- Tic-Tac-Whoa Game App
  - Challenge friends to real-time tic-tac-toe games
  - Technologies – Socket.io | Handlebars.js | Node.js and Express.js | MySQL
- Timeless Movies App
  - View all-time movie favorites by year or decade
  - Technologies – Open Movie DB API | Wikipedia API | jQuery | Bootstrap
- Other Projects – Weather Dashboard | Note Taker App | Coding Quiz | etc.

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### Personal Projects

- Creating full-stack fantasy football web-app to practice and grow my web development skills
  - Technologies – Front End: Angular | Rest API: Python Flask | Database: MongoDB
- Other Projects – Football/Basketball Scores Viewer | Veggie Kales Recipe Keeper | FishHawk Capital | etc.

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## Internship Experience

### General Electric Power

August 2016 – August 2018

*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
- Developed software in C# that was connected with RFID reader and help manage tool database

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### Bloom Energy

May 2016 – August 2016

*Manufacturing Engineering Internship*

Newark, DE

- 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

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### 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

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## Education

### 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 MERN full-stack developer.

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### Clemson University

Clemson, SC

*Bachelor of Science in Mechanical Engineering*

December 2018

Cum Laude

**GPA: 3.7/4.0**