

Freeman W. Smith

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www.freemansmithdev.com
github.com/freemanwsmith3

Education:

Harvard University , Master's Degree, Software Engineering	May 2022
Purdue University , Bachelor's Degree, Mechanical Engineering	May 2015
Harvard University , Data Science Certificate	January 2021
Kollmorgen , Servomotor and Drive Training Program, 6 weeks	July 2015

Work Experience:

Nufactur www.nufactur.com Founder/CEO	April 2022 to Present
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- Founded search engine where users can find the best price and delivery on industrial components
- Independently developed web application and APIs using **Python, Django, HTML, CSS, and Javascript**
- Managed customer and distributor data with **Hubspot CRM, PostgreSQL**, and custom **Python ETLs**
- Maintained web application and databases using **Heroku, AWS S3, and AWS EC2**
- Grew business using **SEO, Google Search Console, Google Analytics**

CKD USA Schaumburg, Illinois Technical Support Engineer- (National Sales Manager: Keith Conley)	December 2018 to April 2022
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- Championed mechanical line by supporting customers, training sales staff and demonstrating products
- Programmed and troubleshooted pneumatic systems, direct drive servo motors, and electrical actuators

IMAC Motion Control Elgin, Illinois Field Engineer- (Chief Executive Officer: John Krzeski)	June 2015 – September 2017
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- Implemented servo motor based automation systems for original equipment manufacturers
- Maintained relationships with existing customers and supported equipment in the field

Projects: More examples available at www.freemansmithdev.com

Educational Platform for Teaching Computer Science https://github.com/fekimx/code_breaker www.code-breaker.io	May 2022
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- Created custom components and REST APIs using **Python, Django REST Framework, and React**
- Handled all testing with **Selenium, Jest, and CI/CD**
- Designed and managed database with user authentication using **Django models and Postgres SQL on Heroku**

Crowd Sourced Football Research Application https://github.com/freemanwsmith3/thefaablab www.faablab.app	August 2022
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- Developed **React** web application with **Python and Django REST Framework and Material-UI**
- Maintained over 5000 daily users with **Heroku, AWS EC2, and PostgreSQL**

Technical Skills:

- Languages: **Python, Java, React, Javascript, HTML, CSS, SQL, R**
- Frameworks and Libraries: **Django, Bootstrap, Material-UI, Numpy, Jest, Selenium, Scrapy, Pandas, Keras**
- Tools: **AWS EC2, AWS S3, Heroku, PostgreSQL, MySQL, Git, Linux, Docker, Hubspot, SEO, Kanban, CI/CD**
- Other: **SEO, Google Search Console/Analytics, Technical Writing, Fluent in Spanish and American Sign Language**