

# Freeman W. Smith

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www.freemansmithdev.com  
github.com/freemanwsmith3

## Education:

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

## Work Experience:

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<b>Nufactur</b> <a href="http://www.nufactur.com">www.nufactur.com</a> Founder/CEO	<b>April 2022 to Present</b>
<ul style="list-style-type: none"><li>- Founded search engine where users can find the best price and delivery on industrial components</li><li>- Independently developed web application and APIs using <b>Python, Django, HTML, CSS, and Javascript</b></li><li>- Managed customer and distributor data with <b>PostgreSQL, AWS S3, AWS EC2, Heroku</b>, and custom <b>Python ETLs</b></li><li>- Grew business using <b>SEO, Hubspot CRM, Google Search Console</b>, and <b>Google Analytics</b></li></ul>	
<b>CKD USA</b> Schaumburg, Illinois	<b>December 2018 to April 2022</b>
Technical Support Engineer- (National Sales Manager: Keith Conley) <ul style="list-style-type: none"><li>- Championed mechanical line by supporting customers, training sales staff, and demonstrating products</li><li>- Designed and developed pneumatic product sizing tool using <b>Python and Javascript</b></li><li>- Programmed and troubleshot pneumatic systems, direct drive servo motors, and electrical actuators</li></ul>	
<b>IMAC Motion Control</b> Elgin, Illinois	<b>June 2015 – September 2017</b>
Field Engineer- (Chief Executive Officer: John Krzeski) <ul style="list-style-type: none"><li>- Implemented servo motor based automation systems for original equipment manufacturers</li><li>- Maintained relationships with existing customers and supported equipment in the field</li></ul>	

## Projects: More examples available at [www.freemansmithdev.com](http://www.freemansmithdev.com)

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<b>Educational Platform for Teaching Computer Science</b> <a href="https://github.com/fekimx/code_breaker">https://github.com/fekimx/code_breaker</a>   <a href="http://www.code-breaker.io">www.code-breaker.io</a>	<b>May 2022</b>
<ul style="list-style-type: none"><li>- Created custom components and REST APIs using <b>Python, Django REST Framework</b>, and <b>React</b></li><li>- Handled all testing with <b>Selenium, Jest</b>, and <b>CI/CD</b></li><li>- Designed and managed database with user authentication using <b>Django models</b> and <b>Postgres SQL</b> on <b>Heroku</b></li></ul>	
<b>Crowd Sourced Football Research Application</b> <a href="https://github.com/freemanwsmith3/thefaablab">https://github.com/freemanwsmith3/thefaablab</a>   <a href="http://www.faablab.app">www.faablab.app</a>	<b>August 2022</b>
<ul style="list-style-type: none"><li>- Developed <b>React</b> web application with <b>Python</b> and <b>Django REST Framework</b> and <b>Material-UI</b></li><li>- Maintained over 5000 daily users with <b>Heroku, AWS EC2</b>, and <b>PostgreSQL</b></li></ul>	

## Technical Skills:

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- 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**