

# Daniel Fernandez

Python Developer / Data Scientist

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[Portfolio](#) →  
[Github](#) →  
[Linkedin](#) →

## PROJECTS

### Human Rights First | BloomTech Labs (Data Scientist)

[Github](#) →

An app to process PDF court cases for policy makers and immigration attorneys. Built using Python, Beautiful Soup & Postgres.

- Increased feature extraction speed by 60% from previous attempt
- Improve feature extraction accuracy using spaCy PhraseMatching and custom rules

### Pagas (Stellar Hackathon Winner) (Python Developer)

[Medium Post](#) →

Winner of the SDF Hackathon. Built a marketplace for creators to sell digital assets with fast payment resolution on the blockchain. Built with Node.js, Python/Flask and MongoDB

- Implemented a FeeBump feature to make transaction fees free for consumers
- Produced a database using MongoDB and API to show and save products from creators
- Created an API to send payment requests for signature and submit signed transactions to blockchain

## EXPERIENCE

### Midnight Machining (Founder)

January 2017 -

- Designed and manufactured tooling, fixtures and fittings for clients
- Improved custom research equipment for ease of use and cost reduction

### Precision Castparts Corp (CNC Machinist)

January 2018 - March 2020

- Designed procedure layout for documenting complex machining processes. Reduced training time and error rate for new employees by 30-40%
- Trained new team members on complex, high precision manufacturing techniques

## EDUCATION

### Bloom Institute of Technology

Data Science & Computer Science

Bloom Tech (formerly Lambda School is an accelerated program with an immersive (full-time, 40+ hours/week) hands-on curriculum with a focus on computer science, software engineering, and data science

### Florida Institute of Technology

Mechanical Engineering

- Differential Equations
- Thermodynamics
- Statics/Dynamics
- C++

## SKILLS

Python	GCP / AWS
PostgreSQL	Bash
spaCy	Cython
FastAPI	Plotly JSON
Docker	CAD & CAM

## LANGUAGES

English  
Spanish