

# ALEJANDRO CÁCERES

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## LEAD FULL STACK ENGINEER

### PROFILE

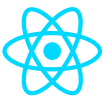
Experienced Full Stack Engineer skilled in Web Development and Data Science. Proficient in modern technologies such as React.js, Vue.js, Django, Flask, AWS and GCP. Strong track record of building efficient, scalable, and quality code. A natural mentor with a passion for guiding junior engineers to excel.

### SKILLS

- Python
- OpenCV
- Tensorflow
- scikit-learn
- pandas
- Flask
- Django
- DRF
- pytest
- React
- Next
- React Native
- Vue
- Nuxt
- Storybook
- Redis



- docker
- Agile methodologies
- Databases
- Java
- C++
- VHDL
- Solidworks
- Matlab
- Simulink
- HTML
- Sass
- Tailwind CSS
- JavaScript
- Git
- Linux
- Playwright



### EXPERIENCE

#### FULL STACK ENGINEER

**Social Currant (Mar 2024 - Present)** - Washington DC, USA

- Discovered backend bottlenecks and improved them by effectively implementing a caching mechanism with Redis
- Transformed the product into a subscription-based platform with Stripe
- Set up integration tests with Playwright to test our app with DocuSign, Stripe, Phyllo and other third-party packages
- Augmented Heroku infrastructure capabilities by properly setting up the underlying AWS resources

#### FULL STACK ENGINEER

**Workfinder (May 2021 - Mar 2024)** - London, UK

- Led the development of a component library using React.js and maintained clear documentation to ensure consistency across the team.
- Developed efficient, scalable, and quality code using Django and React.js that matched specifications and Figma designs.
- Integrated third-party libraries as needed, identified and addressed bugs and bottlenecks, and improved user experience by writing backend and frontend tests.

**LEAD ENGINEER**  
(PART-TIME,  
3 MONTHS  
CONTRACT)

**Social Currant (February 2023 - May 2023)** - 📍 Washington DC, USA

- Led development of a full-stack Vue.js/Django application.
- Provided technical guidance and code reviews.
- Collaborated with cross-functional teams to provide input on product development, UX/UI, and overall strategy.
- Utilized Git for version control, and followed Agile methodology and Continuous Integration/Continuous Deployment (CI/CD) best practices.

**Warden Automation (Jan 2019 - May 2021)** - 📍 Asunción, Paraguay

- Built ETL pipelines to analyze data fetched from MySQL databases and integrated with GCP technologies (Data Studio, Datastore, and Cloud Storage).
- Implemented full-stack applications using Vanilla JS or React.js and Flask.
- Developed mobile apps using React Native and Google Cloud Firestore.
- Modeled data using simple to complex Machine Learning (ML) and Deep Learning (DL) algorithms.
- Utilized Git for version control, and followed Agile methodology and TDD best practices.

## EDUCATION

**MECHATRONICS  
ENGINEERING**

**Facultad de ingeniería de la Universidad Nacional de Asunción, Paraguay (August 2015 - May 2021)**

Grade average: 4.9/5.0

Thesis: Development of a multi-objective algorithm for the generation of bus departure schedules.

**EXCHANGE  
SEMESTERS**

**Hochschule Darmstadt, Germany (September 2018 - August 2019)**

## CERTIFICATIONS



Introduction to Data Science in Python at University of Michigan



Applied Plotting, Charting & Data Representation in Python at University of Michigan



Applied Machine Learning in Python at University of Michigan



Applied Text Mining in Python at University of Michigan



Applied Social Network Analysis in Python at University of Michigan



Getting started with TensorFlow 2 at Imperial College London



Customising your models with TensorFlow 2 at Imperial College London



The Complete Web Developer in 2022: Zero to Mastery



The Complete Junior to Senior Web Developer Roadmap



React - La Guía Completa: Hooks Context Redux MERN +15 Apps



React: Aplicaciones en tiempo real con Socket-io



Django with React | An Ecommerce Website

## LANGUAGES

Spanish (Native), English (C1), German (B2)