

# Alejandro Otaola

[GitHub](#) – [Personal Portfolio](#) – [LinkedIn](#)

## Data Engineer

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Recent JUMP graduate pursuing a Data Engineering career, looking to combine nearly 12 months of industry equivalence experience with a strong digital mindset to become a valued asset to your organization.

## Skills

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|----------|----------|---------|--------------|---------|---------|
| • Python | • Pandas | • GenAI | • Javascript | • Ruby  | • CSS   |
| • SQL    | • NumPy  | • AWS   | • HTML       | • Flask | • React |

## Experience

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**Cognixia** – Remote 01/2024 - Present  
*Data Engineer*

Cognixia's JUMP program is a hyper-intense technical training program that gives top STEM talent from across the U.S. the equivalent of 12-18 months of industry experience. Not only do they up-skill their technical abilities, they also evolve their digital mindset to successfully adapt and utilize technology in an efficient manner so they can JUMP start their careers via deployment with Collabera clients.

- Technical Articulation – Generation of ETL Pipelines via Scrum, including data extraction, cleaning, transformation, and loading into a SQL database
- Cloud Computing – Developed a database on Amazon Web Services and utilized its data analytics services to draw conclusions.

**Spearhead** – Miami, FL 08/2023 - 12/2023  
Software Developer(Freelance)

Partner to a healthcare network with 300+ urgent care clinics nationwide.

- Utilized frontend technologies such as Expo Go and React Native to build a modern iOS mobile App.
- Built a backend administration platform using Ruby on Rails for administrative content creation.
- Employed namespaces for API logic, correctly rendering JSON data from the backend platform (Spearhead Admin) ready for data fetching and mapping by its corresponding iOS app (Spearhead Mobil).

**Grayota.com** – New York, NY 01/2018 - 01/2023  
*Founder*

Art studio fostering collaboration and product innovation with creatives and cultural industries.

- Collaborated with creative professionals and businesses in creating products and experiences for audiences.
- Identified, managed, and resolved all managerial & technical issues in a fast-paced environment.
- Innovated solutions in response to unexpected challenges & managed client relationships.

## Personal Projects

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**Spearhead mobile & Spearhead Admin Platform:** [Mobile App GitHub](#) | [Admin Platform Github](#) | [Demo](#)

A dedicated platform for urgent care. Enhances provider-patient communication. A mobile app for iOS and a complementing administrative platform | Tech: React-Native, Expo, Javascript, Ruby on Rails (07/2023)

**NightLight:** [Github](#) | [Demo](#)

Active reading tool for reinforcing fast typing skills and increasing focus while familiarizing users with classic literature. Tech: Ruby on Rails, Bootstrap, PostgreSQL. (03/2023)

## Education & Achievements

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**Flatiron School.** – New York, NY. 11/22 - 03/2023  
• Full-Stack Software Development. Full-time intensive software boot camp.

**Thomas Jefferson University.** – Philadelphia, PA. 09/14 - 05/2019  
• Bachelor of Science in International Business Administration.