

# Luis A. “Han” Rodríguez González

[han@gonzalpi.com](mailto:han@gonzalpi.com) | [linkedin.com/in/gonzalpi](https://www.linkedin.com/in/gonzalpi) | [github.com/gonzalpi](https://github.com/gonzalpi)

## EDUCATION

### Tecnológico de Monterrey

Aug. 2020 – Present

*Bachelor of Science in Computer Science (GPA: 97/100)*

*Expected graduation: Jun. 2024*

- **Relevant coursework:** data structures, web development, data analytics, statistics, agile, software requirement analysis, linear algebra, networks, mobile development
- **Vice President of TECoding** (Feb. 2022 - Present): organize meetups, teach Git workshops, and lead Guadalajara 2023, the first state-wide hackathon in the state of Jalisco

### Major League Hacking Fellowship & Meta (Facebook)

May 2022 – Aug. 2022

*Production Engineering Fellow*

- Completed a 12-week curriculum on Production Engineering, with workshops hosted by industry experts
- Created open-source portfolio website template using Python, Flask, Jinja, MySQL, Nginx, and unittest
- Automated testing and deployment with CI/CD and set up monitoring and alerts in Prometheus and Grafana

## EXPERIENCE

### Easytrack GPS

Sep. 2023 – Present

*Software Engineering Intern*

- Mobile device tracking using Golang and custom data transmission protocols

### Microsoft

Jun. 2023 – Sep. 2023

*Software Engineering Intern*

- Design and define specifications for 2 Windows AI/ML core experiences and deploy using feature gating
- Determine indicators and implement a data collection strategy with telemetry to assess success

### Intel

Sep. 2022 – May 2023

*Software Engineering Intern*

- Built Linux documentation service in Flask, eliminating the need for individual setup and execution
- Automated OS deployments with a script that eliminated all manual steps for at least 3 teams across 2 offices

### Tecnológico de Monterrey & Inter-American Development Bank

Sep. 2021 – Jul. 2022

*AI/ML Research Assistant*

- Automated data cleaning and model exploration to find optima from 40 configurations and 4 data sets
- Researched and implemented Natural Language Processing algorithms to find insights on school dropout

## CERTIFICATIONS

Accessibility in Action (Microsoft, 2023), Scrum Fundamentals Certified (SCRUMstudy, 2023), Specialization in Data Science (I, II) (The Johns Hopkins University, 2022)

## PROJECTS

### NavigAbility - Accessibility Category Winner in Microsoft Intern Hackathon | *SwiftUI*

2023

- Built iOS application frame implementing native Maps API and client-side navigation result filtering

### IBM SkillBoard | *Docker, React, Ruby on Rails, MongoDB, Flask, scikit-learn*

2023

- Generated exploratory analyses using Natural Language Processing TF-IDF algorithm to identify key skills
- Set up Docker Compose containers and orchestration, and implemented GitHub CI/CD with DigitalOcean

### Ilikia: Geriatric Assessments | *React, Node, Express, MySQL, Unity3D*

2022

- Developed Express back-end serving a REST API to process and filter structured exam results

### Monopoly Strategist | *Python, Numpy*

2021

- Modeled the probability of landing on any tile with a Markov chain to find the most profitable tiles

## SKILLS

**Developer Tools:** Git, GitHub Actions, CI/CD, SSH, Linux, Docker, DigitalOcean, Firebase, Nginx, unittest

**Programming Languages:** Python, Bash, C/C++, MySQL, JavaScript, HTML/CSS, R, C# (Unity), SwiftUI

**Web Development:** React, Flask, Node.js, Express.js, Ruby on Rails

**Data Libraries:** pandas, NumPy, Matplotlib, TensorFlow, NLTK, Gensim, scikit-learn