

Luis Alejandro “Han” Rodríguez González

han@gonzalpi.com | [linkedin.com/in/gonzalpi](https://www.linkedin.com/in/gonzalpi) | 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, Networking, Mobile Development

EXPERIENCE

Microsoft Corporation

Jun. 2023 – Sep. 2023

Incoming Software Engineering Intern

**Expected dates*

TECoding

Feb. 2022 – Present

Vice President

- Organize meetups, teach Git workshops, organize the first state-wide hackathon in 5 years Guadalajara 2023

Intel Corporation

Sep. 2022 – May 2023

Software Engineering Intern

- Develop DevOps tools for Linux-based operating systems
- Built Linux documentation service in Flask, eliminating the need for individual setup and execution
- Automated OS deployments with a callable script, eliminating manual steps for 20 engineers in 2 campuses

Major League Hacking Fellowship, Powered By Meta

May 2022 – Aug. 2022

Production Engineering Fellow

- Completed a 12-week curriculum on Production Engineering, with workshops hosted by industry experts
- Automated testing and deployment using CI/CD and set up monitoring and alerting in Prometheus and Grafana

Tecnológico de Monterrey

Sep. 2021 – Jul. 2022

Undergraduate Research Assistant (AI/ML)

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

CERTIFICATIONS

Scrum Fundamentals Certified | *SCRUMstudy*

2023

Specialization in Data Science (I, II) | *The Johns Hopkins University via Coursera*

2022

PROJECTS

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

2023

- Led development of back-end comprised of 9 data models and session-based access to 4 sets of CRUD endpoints
- Generated exploratory analyses using Natural Language Processing TF-IDF algorithm to identify key skills
- Set up Docker components for every service and defined orchestration using Docker Compose
- Implemented GitHub Actions CI/CD workflows for testing and automatic deployment to DigitalOcean server

github.com/13th-office/IBM-SkillBoard

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

2022

- Led a team of 7 people to design and build a full-stack web application to apply Mini-Mental State Examinations
- Developed Express back-end serving a REST API to process and filter exam results

github.com/gonzalpi/ilikia

Monopoly Strategist | *Python, Numpy*

2021

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

github.com/gonzalpi/monopoly-strategist

SKILLS

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

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

Communication: English, Spanish, French