# Luis Alejandro "Han" Rodríguez González

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## 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**                                                                                        Jun. 2023 – Sep. 2023
*Software Engineering Intern*                                                                            *Redmond, WA*
- Design and define specifications for Windows core experience and deploy using feature gating infrastructure
- Determine indicators and implement a data collection strategy to assess success

**Intel**                                                                                                Sep. 2022 – May 2023
*Software Engineering Intern*                                                                        *Zapopan, Mexico*
- 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

**Major League Hacking Fellowship**                                                      May 2022 – Aug. 2022
*Production Engineering Fellow*                                                      *New York City, NY (Remote)*
- Completed a 12-week curriculum on Production Engineering, with workshops hosted by industry experts
- Created open-source personal portfolio website template using Python, Flask, Jinja, MySQL, Nginx, and unittest
- 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)*                                                      *Zapopan, Mexico*
- 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

**NavigAbility - Microsoft Intern Hackathon - Accessibility Category Winner** | *SwiftUI, Python*       2023
- Built iOS application frame implementing the native Maps API and client-side filtering of navigation results

**IBM SkillBoard** | *Docker, React, Ruby on Rails, MongoDB, Flask, scikit-learn*                        2023
- Led back-end development of 9 data models and session-based access to 4 CRUD endpoints
- Generated exploratory analyses using Natural Language Processing TF-IDF algorithm to identify key skills
- Set up Docker Compose containers and orchestration, and implemented GitHub Actions 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, Heroku, 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