

# Elías Mera Ávila

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## EDUCATION

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**Monterrey Institute of Technology (ITESM)** – Monterrey, Mexico  
*Bachelor of Science in Computer Science and Technology Engineering (ITC)*  
Awards: National CENEVAL Award for Performance of Excellence

December 2018  
GPA 91/100

## WORK EXPERIENCE

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### Airbnb

Seattle, WA

*Software Engineer, Integrated Content and Knowledge Team*

December 2022 - Present

- Built smart backend solutions to improve the self-solve Help Center experience, reducing dependency on customer support.
- Developed internal APIs and data services to scale content discoverability and ML-powered recommendation systems.
- Technologies: Java, GraphQL, Redis, Kubernetes.

### Twitter

Seattle, WA

*Software Engineer, Developer Platform Team*

April 2021 – November 2022

- Led the development of Bookmarks and Edit Tweet public API endpoints.
- Designed and launched Custom Timelines within the v2 API, enabling personalized user feeds.
- Coordinated with legal, product, and infrastructure teams to ensure scalable and compliant releases.
- Technologies: Scala, GraphQL, Finagle, Kafka.

### Microsoft

Redmond, WA

*Software Engineer, Targeting Services*

April 2019 – March 2021

- Created a CLI tool used by 100+ teams to generate/upload XML-based feature definitions across 8,500 repositories.
- Designed an internal email notification system handling 10K+ messages/month using C#, SendGrid, and Azure Service Bus.
- Migrated a legacy audience targeting website from Node.js to React, improving performance and accessibility.
- Technologies: C#, Azure, React, Node.js, SendGrid.

## SKILLS

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### AWARDS

Honorable Mention XLIII World Finals of the International Collegiate Programming Contest (2019)

1<sup>st</sup> Place ICPC Mexico and Central America Finals (2018)

1<sup>st</sup> Place ITESM ACM Top Tec Programmer (2017)

6<sup>th</sup> Place ITESM ACM Top Tec Programmer (2016)

### PROGRAMMING LANGUAGES

5 years: Java, C++

4 years: GraphQL

2 years: C#, Python

1 year: Swift, React, Scala

### TECHNOLOGIES

GraphQL, React, Node.js, Kafka, Azure, Redis, Kubernetes, Docker, GitHub, SendGrid