

Alex Mora

Software Developer

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Technical Skills

- **Languages/Frameworks:** Ruby | Ruby on Rails | PostgreSQL | SQL | HTML | CSS | ActiveRecord
 - **Design Patterns:** Model, View, Controller Architecture | Service Oriented Architecture | RESTful APIs
 - **Workflow Tools:** git | GitHub | CircleCI | Postman | Postico | Heroku
 - **Test Driven Development:** Unit Testing | Integration Testing | RSpec | Webmock | VCR
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Projects

Lunch & Learn | Individual Project | 45 hours | Jan. 2023 | [View The Repository](#)

- A back-end API designed to expose endpoints that provide recipes and learning media from a given Country. Returns data with serialized JSON responses.
- Utilizes error handling with serializers, fully tests API exposure, authenticates users.
- Consumes the following APIs: [YouTube](#), [Edamam](#), [Unsplash](#), [REST Countries](#)

Viewing Party | Paired Project | 60 hours | Nov. 2022 | [View The Repository](#)

- A Rails application that allows users to register, login with authentication, and create movie viewing parties with other users.
- Database schema utilizes a many-to-many relationship for users and viewing parties.
- Utilizes ActiveRecord/SQL for database logic queries.
- Consumes [The Movie DB API](#) to provide movie details through a service/facade design.

Little "Esty" Shop | Group Project | 70 hours | Oct. 2022 | [View The Repository](#)

- A fictitious ecommerce platform that allows merchants and admins to manage inventory and fulfill customer invoices; developed by a team of four.
 - Utilizes advanced ActiveRecord/SQL techniques to perform complex database queries.
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Experience

Talon Military Contract | Heavy Equipment Instructor | March 2021 - May 2022

- Collaborated with the Military to adapt safety training programs to meet the unique needs of the military warehouse and utilizes appropriate training techniques to produce positive learning outcomes.
- Followed through with time-sensitive tasks and remained self-motivated

Barstow Unified School District | Maintenance Computer Tech | December 2018 - April 2021

- Conducted failure analysis, repairs, and rebuilds equipment components correctly.
 - Diagnosed, troubleshoot, and repaired equipment safely and correctly.
 - Tested connections and operating systems on individual devices to ensure that computers function independently and as part of the larger network; completed warranty forms as required to replace devices.
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Education

Back End Software Engineering | Turing School of Software & Design | Aug. 2022 - March 2023

- ACCET-accredited project-based software development program with a curriculum centralized around data structures, object oriented programming, test driven development, and building database-backend web applications.
- 2,000 hours of learning including lectures, self-led practice, and remote collaboration with peers and instructors.