

# KEVIN DELAO

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## Education

**California State University Los Angeles**

Dec 2020

*Computer Science M.S*

**University of California Los Angeles**

July 2017

*Biology B.S*

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## Skills

**Languages:** Python, C++, Java, TypeScript, MySQL

**Frameworks:** Spring Boot, Angular/Ionic

**Tools:** JUnit, GitHub, Jenkins, Postman

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## Experience

**Full Stack Developer (FedEx)**

Apr 2022 - Present

- Developing a shipment web application using Spring Boot and Angular/Ionic, that will re-imagine and modernize FedEx's approach to shipment rating
- Designed and implemented a robust microservices architecture, complete with RESTful APIs, to streamline data handling within the shipment application, enhancing efficiency
- Crafted user-friendly front-end interfaces using Angular, adhering to industry best practices, to optimize data presentation and user engagement
- Engaged in performance and feature testing, ensuring the reliability and precision of the developed functionalities. This was essential in maintaining high standards of quality

**Software Engineer (Toyota North America)**

Sept 2021 - Mar 2022

- Developed a C++ wrapper for seamless data transfer between Toyota's 2023 infotainment system and Apple CarPlay, enhancing audio functionality
- Created intuitive C++ and JavaScript UIs for Bluetooth audio features, including device displays and CarPlay notifications
- Contributed to a backend API redesign, simplifying endpoint calls and achieving a 10% response time improvement for customer data
- Utilized AWS to scale infotainment audio apps, ensuring efficient handling of multiple customer audio requests and eliminating streaming delays

**Data Science Intern (UCLA)**

June 2020 – Aug 2020

- Applied Python-based ML models to genetic data at UCLA's internship. Developed ML models with pyTorch, TensorFlow, and scikit-learn for genetic applications
  - Employed SHAP for dissecting genetic feature influence on ML phenotype predictions
  - Explored SHAP's potential to explain how and why ML models make predictions based on features
  - Presented findings highlighting SHAP's promise in advancing gene analysis and personalized medicine through machine learning
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## Personal Projects

**LA Historical Places App**

- Created a JavaScript project featuring historic Los Angeles sites
- Integrated Google Maps API for location display and Wikipedia API for historical information
- Mastered complex API handling and thorough documentation reading during app development
- Elevated technical skills and gained expertise in API-driven application development