Sebastian Rodriguez

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EDUCATION

B.S. Computer Science and Technology - *Tecnológico de Monterrey, Campus Monterrey*
Expected graduation date: December 2023
Cumulative grade average: 94 / 100.
Relevant coursework: Data Structures & Algorithms, Full-stack Web Development & Artificial Intelligence.

SKILLS

Programming: *C/C++, JavaScript, Typescript, Python, Dart, Haskell, SQL, HTML, CSS*
Tools: *Node, React, Express, Flutter, Git, DAML, GraphQL, PostgreSQL, MongoDB, AWS, Docker, Figma*

EXPERIENCE

Full-Time Junior Web Engineer - Umbrage   *Jun 2022 - Current*
  ○ *Proposed, designed and built with a team of 8 and a new Mortgage acquisition proposal meant to facilitate investors obtaining & selling properties reducing total process time by 33% in comparison to a traditional flow.*
  ○ *Enforced Auth0 implementation to authenticate and prevent 99% of authentication breaches and increase security by 17% through the implementation of **DAML** smart contracts.*
  ○ *Implemented 20+ Front-end functionalities with **React** according to the design and business requirements, as well as to contribute in the creation of the 24+ endpoints following a CQRS pattern.*

Local Committee Marketing Director - AIESEC   *Feb 2020 - Feb 2022*
  ○ *Executed publicity campaign that brought 40+ clients and 12 confirmed exchange experiences.*
  ○ *Carried out a 6 week conference about leadership called "Leaders Lab" with 30+ participants.*

PROJECTS

Internal Web Forum - Wizeline   *Feb 2022 - May 2022*
  ○ *Redesigned a web forum application for Wizeline's 1,500+ employees and collaborated with a team of 5 to reduce unanswered and repeated questions which increased usability and improved user experience.*
  ○ *Developed **React** Front-end composed of 27 different components and deployed on **AWS S3** bucket.*
  ○ *Contributed to Back-end development and deployment on **AWS LightSail** and **GitHub** Actions for CI/CD. Produced 14 secure REST API endpoints using **NodeJS**, **ExpressJS**, **JWT** and **Sequelize**.*
  ○ *Executed 27 unit tests using **Jest**, established 4 relational data models for **PostgreSQL** database following software requirements and wrote API documentation on **Swagger**.*

Crypto Wallet - Fonbnk   *Apr 2022*
  ○ *Created web app where users can visualize their crypto wallet and manage their balance in Ethereum as in to buy, sell. and/or transfer money between the average 450k+ users on the blockchain.*
  ○ *Managed 14 **React** components to connect 4 **Express** endpoints and **MongoDB** database.*

Tamayo Incidents Report - Parque Rufino Tamayo   *Aug 2021 - Nov 2021*
  ○ *Implemented mobile app with **Java & Kotlin** to allow the 500+ daily users to create reports on problems that arise in the park which resulted in a 250% increase in response time to these problems.*

IT Web App Activation - CEMEX   *Feb 2021 - Jun 2021*
  ○ *Developed with a team of 5 an on-boarding training web application for CEMEX GO IT area 50+ local employees. Applied gamification using **Unity & C#** to increase productivity by 27% and allow administrators to monitor the employees performance using **SQL**, **Node**, **Express**, and **React**.*

LEADERSHIP / ACTIVITIES

Reforestation   *Mar 2018*
  ○ *Managed documentation of 32 students to validate social service requirements.*
  ○ *Led 50+ volunteers and planted over 50 trees resulting in a better environment within the community.*

School Wall Paint   *Sep 2018*
  ○ *Visited elementary school and painted 4 different murals to promote creativity and positivity.*
  ○ *Painted 4 other floor games to promote a more exciting environment to learn in.*