

Martin Olarte Pallares

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EDUCATION

Duke University – Durham, NC

Class of 2023

GPA: 3.85/4.0

B.S Computer Science, B.S Statistical Science with a concentration in Data Science

Relevant Courses: Data Structures, Foundations of Data Science, Probability, Regression

Certifications: Deep Learning Specialization, Google Cloud Essentials

Harvard University – Cambridge, MA | *Summer Secondary School Program*

Jun 2017 – Aug 2017

Relevant Courses: Financial Accounting, Modelling the Real World with Calculus, Statistics, and Probability

Colegio Nueva Granada – Bogotá, Colombia | *High School Diploma*

Class of 2018

GPA: 3.98/4.0 | SAT: 1530/1600

Awards: Regional Math Olympics Finalist, AP Scholar with Distinction

PROFESSIONAL EXPERIENCE

Velvack SAS, Research & Development Intern – Cali, Colombia

Aug 2018 – Apr 2019

- Assisted a BME startup in the manufacturing and development process of medical devices.
- Generated cost analysis models for 50 different electrical components.
- Managed delivery logistics of over 1000 device parts, successfully coordinating suppliers from 3 continents.
- Led purchasing operations for orders totaling over \$2,000.
- Researched component specifications and current ISO and IEC guidelines.
- Resulted in 100% compliance to medical and electrical security standards of medical device and software.

OlarteMoure, Productivity Analyst Intern – Bogotá, Colombia

Jun 2019 – Jul 2019

- Cleaned and restructured raw billing data in Excel.
- Implemented financial models to predict future fees and rates for 18 regions.
- Automated productivity data ingestion and processing in R, reducing labor hours by 96%.
- Drafted a thorough productivity report with detailed information of every lawyer in the firm and the distribution of hours for different activities, alongside other analysts and the IT Manager.

Panacea Quantum Leap Technology LLC, Administrative Assistant Intern – Cali, Colombia

Aug 2018 – Apr 2019

- Developed a Risk-Assessment Matrix and patient progress reports for a healthcare startup.
- Translated legal documents and patient conversations (Spanish and English).
- Redacted patient files in accordance to HIPAA privacy laws for clinical study evaluation.
- Redesigned outdated filing system for patient data and digitized 2 years' worth of previous medical records.
- Compiled data from a preliminary trial into a website using R Markdown (<http://rpubs.com/molartep/478176>).

Duke University, Student Assistant AV Technician – Durham, NC

Nov 2019 – May 2020

- Ensured superior customer service for audiovisual needs.
- Monitored and logged activity for over 50 classrooms.

LEADERSHIP & ACTIVITIES

iCollab, Co-Founder – Bogotá, Colombia

Jan 2017 – Jun 2018

- Developed a website that provided students with the school news and a digital platform to express their ideas.

Fundación Hogar Nueva Granada, Manager / Tutor – Bogotá, Colombia

Apr 2020 – Aug 2020

- Co-created a virtual tutoring program with a charity school in Bogotá to help alleviate the impact of the Covid-19 pandemic on low-income students and faculty.
- Created a database and schedule program to avoid time conflicts of sessions for tutors and tutees.

SKILLS & INTERESTS

Languages: English (fluent), Spanish (fluent)

Computer Skills: R, R Markdown, Python, Java, SQL, TensorFlow, Git, GCP, BigQuery, Microsoft Office

Activities: Cyber Team, Latin American Student Organization, LatinX Business Organization

Interests: Chess, Soccer, Deep Learning, Dataism