Martin Olarte Pallares

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EDUCATION

Duke University – Durham, NC *Class of 2023*
GPA: 3.758/4.0
B.S Computer Science, B.S Statistical Science with a concentration in Data Science
Relevant Courses: Data Structures, Foundations of Data Science, Probability, Regression, Artificial Intelligence
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

Duke University, *Undergraduate Teaching Assistant* – Durham, NC *Jan 2021 – May 2021*
- STA 432 - Theory and Methods of Statistical Learning and Inference
- Offered weekly 1.5-hour sessions to support students and graded assignments/exams

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.

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.

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).

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