

ARUN NAIR

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Address: 3681 Iris Avenue, Boulder, CO 80301

Data Scientist & Engineering Management Graduate

GitHub: <https://github.com/nairjr>

LinkedIn: <https://www.linkedin.com/in/nairjr/>

EU citizen with U.S. work authorization

Proactive college graduate with a master's in engineering management and certification candidate in Data Science. Aiming to leverage academic experience and proven knowledge of machine learning and business intelligence.

Skills

Advanced: Python: Pandas, numpy, seaborn, scikit-learn, scipy | **SQL:** PostgreSQL | UX product research: A/B Testing.

Proficient: R for Hypothesis Testing, agile methodologies, MS Excel, Google analytics.

Soft Skills: Leadership, multilingual, empowerment, collaboration, problem-solving.

Recent Projects

Supervised Learning Data Science Capstone

Jan. 2019

- Built recommender models for Google Play Store Apps dataset to predict and classify features by training and testing various supervised learning algorithms (found in GitHub portfolio).

Vertical Farming Start-Up Member

Jun. – Aug. 2018

- Created an indoor farming solution for food deserts by building vertical garden prototypes to eradicate food shortage.
- Researched market segmentation by feature engineering to measure 24% growth in market size by 2025.

Graduate-Level University Group Project, Advanced Product Design, CU Boulder

Sep. – Dec. 2017

- Designed and fabricated new concept of the weightlifting clip using AutoCAD and 3D printers with fellow graduate mechanical engineering students based on survey-led iterative tests.

Education

UNIVERSITY OF COLORADO

Boulder, Colorado

Master of Engineering in Engineering Management (GPA: 3.8)

Dec. 2018

Relevant Courses: Product development, applied statistics, lean & agile, leadership, finance, engineering communications.

THINKFUL

Boulder, Colorado

Data Science Intensive Program

Jan. 2019

Relevant Courses: Machine learning, random forests, linear & logistic regression, economics.

HERIOT-WATT UNIVERSITY

Edinburgh, Scotland

Bachelor of Engineering (Hons.) in Mechanical Engineering

May 2015

Professional & Leadership Experience

UNIVERSITY OF COLORADO

Boulder, Colorado

Graduate Teaching Assistant, Applied Statistics

Sep. 2018 – Dec. 2018

- Implemented UI structure for two graduate-level statistics courses on the cloud-native educational platform, Canvas.
- Validated tests on a weekly basis, for a class of 50 students, both distance and on campus.
- Provided guidance and technical support for students by helping with R studio troubleshooting.

Bookstore Student Assistant (Sales & Accounting)

Aug. 2017 – Dec. 2018

- Accessed customer relationship management (CRM) using Oracle PeopleSoft software, to crosscheck online orders and sales from vendors and customers to account for revenue generated per day (\$20k - \$250k).
- Managed expense reports from different departments of the bookstore and University, using SAP Concur+.
- Prepared previous day's deposits sales by counting and breaking down the registers.

Departmental Representative for Graduate Student Advisory Board (GSAB)

Jun. 2018 – Dec. 2018

- Represented engineering management graduates by proposing and setting agendas with fellow STEM departments.
- Strengthened collaborative relationships between the GSAB and College of Engineering and Applied Science (CEAS) by increasing openings for networking opportunities by 15%.