



Ricardo Frank Barrera

I blend management and data science to empower others

Microsoft - Program Manager 2, Big Data - (2011-2016)

Accolade - Senior Program Manager, Data Science - (2016-2017)

Consultant - CEO, Real Estate & Data Science - (2017 - present)

Stealth Startup - VP Construction, Real Estate - (2019 - present)

Rice University - B.S. Electrical Engineering (2006 - 2011)

U.C. Berkeley - Masters in Information and Data Science (2015-2017)

See some of my work here:

<https://ricardofrankbarrera.github.io/Data-Science-Portfolio/>

ABOUT ME

Deeply technical Big Data PM and Data Scientist with 10+ years experience managing projects at scale and building businesses and organizations from the ground up. **I effectively manage at scale across organizations and audiences (e.g., C-level execs), as a manager or individual contributor.**

SKILLSETS

- **Program Management**
 - Agile (Scrum), Waterfall
 - JIRA, OmniPlan
- **Languages**
 - Python, SQL, R
- **Platforms**
 - Azure/AWS/Google Cloud
 - Docker
 - GitHub
- **Data Science**
 - Statistics & Probability
 - Analytics
 - Deep Learning
- **Real Estate**
 - Residential construction
 - Financial modeling
 - Acquisition / management

CONTACT INFO

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in [/ricardofrankbarrera](#)

IMPACT & DELIVERABLES



@Microsoft, Technical Program Manager II (2011 - 2016)

Delivered features and efficiencies for **Cosmos** and **Azure Data Lake**:

- Delivered **\$7M in cost-savings and eliminated storage capacity customer outages** via storage optimizations and feature improvements
- **Coordinated 50+ contributors to migrate and decommission \$100M in data center capacity**
- **Defined initial Azure Data Lake customer support framework**



@Accolade, Senior PM & Data Scientist (2016 - 2017)

Recruited by CTO to establish Data Science team as first PM

- **Worked with C-level executives to define Data Science roadmap and delivered Accolade's first intelligent services:**
 - Health-assistant matching service
 - Discussion topic recommendations for health assistants
 - Mobile application AB testing
 - Call-center call volume forecasting
- **Spearheaded company-wide Data Science 101 initiative**, boosting collaboration with Data Science



@Consultant, Chief Executive Officer (2017 - Present)

Support residential real estate investors using proprietary technology and real estate construction and investment experience:

- **Developed deep learning investment recommendation platform**
- **Supported clients in \$25M in real estate purchases**
- **On average, acquisitions were 8% below market value and renovation expenses reduced by 30%**



@Stealth Startup, VP of Construction (2019 - Present)

Identify short-term rental investments for acquisitions, and scope and manage renovations to maximize short-term rental profitability

- **Assets under management grew by 80% in greater Seattle region**
- **Established renovation best-practices for short-term rentals increasing revenue by 70% on average**
- **Recruited, hired, and directly managed a team of 10** handling tasks in construction, accounting, procurement, and property management