

Naoki Rufian

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY **May 2020**
Bachelor of Science; Operations Research and Information Engineering | Minor; Computer Science
GPA: 3.15, ACT: 35/36

Awards & Recognitions:

Fichtl Innovation Award for Entrepreneurship in Engineering; Frank Mattera STEM Scholar; Dean's List; Mensa USA;

EXPERIENCE

Facebook *Data Engineering, Analytics* **Sept. 2020- Present**

- Surviving virtual bootcamp

Data Engineering, Analytics, Intern **June 2019- Aug. 2019**

- Supported Ads & Business Products – provided visibility into logged values resulting in revenue impact
- Created a data pipeline, delivered data-driven insights, and designed a dashboard to track key metrics

Titan Analytics *Founder & Chief Analytics Officer* **Aug. 2017- Present**

- Co-founded startup developing football analytics software
- Designed user facing data product, created football-specific machine learning algorithms, and led infrastructure development on AWS cloud services (S3, Lambda, Athena, Cloudfront)
- Conducted market research and to develop initial product and continued iterating on the product through feedback testing with local football teams

Cornell University, Operations Research Dept. *Undergraduate Research Assistant* **June. 2018- May 2019**

- Primarily worked on two projects – researching a novel queuing system and its behavior, and operations analysis of a local police department
- Developed queuing simulations on MATLAB & conducted quantitative analysis (queuing research)
- Developed python scripts to transform incomplete & messy data into analysis-ready formats (operations analysis)

Vera Capital Japan, *Summer Intern* **June 2017- Aug. 2017**

- Rotational internship at a private equity firm; technical work includes spreadsheet modeling, financial projections, due diligence, market research, and analyzing legal documents
- Gained foundational skills in business operations and relationship building, and communicated with upper management on a weekly basis for feedback/improvement and mentorship

TECHNICAL SKILLS

Data Science/Engineering: Data Wrangling (Pandas, SQL), Predictive Modeling (Machine Learning, Deep Learning), Optimization Modeling (linear programming), Simulation Modeling, Database Design, ETL Orchestration (Dataswarm), Dashboarding (Plotly Dash, Tableau, Power BI)

Software Engineering: Object-Oriented Programming, Functional Programming, App Development (Flutter), Basic Web Development (HTML/CSS/JS), Github

Computer Languages: Python, SQL, Dart, MATLAB, AMPL, OCaml, Java, Julia, R, VBA, HTML, CSS, JavaScript; Most proficient in Python/SQL

Spoken Languages: Japanese (native), Spanish (native); Able to translate across English, Japanese, and Spanish