

# Aditya Diwakar

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(470) 302-9648

## EDUCATION

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**Georgia Institute of Technology**

Atlanta, GA

*Dual Bachelor of Science - Computer Science and Mathematics*

*Aug 2019 - Dec 2023*

**Courses:** *Machine Learning, Stochastic Processes, Algorithms: Design & Analysis*, Numerical Analysis, Probability & Statistics, Combinatorics, Abstract Algebra

## SKILLS SUMMARY

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**Languages:** Go, Python, Java, C/C++, OCaml, Rust, SQL

**Tools:** Kubernetes, Docker, CI/CD, Sentry, Kafka, Nginx, Caddy

**Infrastructure:** Routing/Switching, Load Balancing, Proxying, Delivery Networks, Matching Engines

**Finance:** Futures, Options, Stochastics, Hypothesis Testing, Commodities, Volatility

## EXPERIENCE

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**Loganov Data**

Remote

*Operations/Research Head, Founder*

*Jun 2020 - Jul 2021*

- Forecasted Natural Gas demand volatility with 92% accuracy thru probabilistic/regressive models
- Ingested weather vendor data 84% faster than industry standard with low-level parallel processing
- Provided low-latency data reliably to hundreds of end-users with RESTful & GraphQL APIs

**Code the Universe**

Remote

*President, Board Member*

*Apr 2020 - Jul 2020*

- Provided learning resources to ~2,500 students while managing 30 direct reports
- Rebuilt registration system with in-house flexible course registrars resulting in 2x registrations
- Implemented robust policies and processes reducing required administrative oversight by 50%