

# Andrew Jiang

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6140 Sharon Road, Charlotte, NC 28210

## Executive Summary

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Quantitative problem-solver with 5+ years applying technical and analytical skills to build AI, data-driven tools, and scalable systems. Led teams on projects in ML, automation, and robotics. Strong foundation in statistical modeling, valuation, and operations research. Driven to apply technical expertise and quantitative analysis to high finance & trading.

## Education

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### Cornell University, College of Engineering

Ithaca, NY

B.S. in Computer Science, Minors in Operations Research & AI

May 2027

**GPA: 3.82/4.00**

**Honors & Awards:** National Merit Finalist, PVSA 3x Gold Medalist, Top 15 @ Chess Natl Championship, 1560 SAT

**Adventis FMC® Level II Certification**

## Skills

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- **Programming & Tools:** Python (pandas, numpy, scipy), C++, SQL, Java, Git, Linux, Excel (advanced)
- **Quantitative Analysis:** Time series modeling, forecasting, regression, Monte Carlo, DCF/Comps valuation
- **Machine Learning:** TensorFlow, PyTorch, Scikit-learn, Hugging Face

## Work Experience

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### Private Equity Intern

July 2025-Present

Ridgeview Holdings Group

Charlotte, NC

- Sourced 30–40 founder-led businesses per week, targeting \$3–15M revenue & \$1–5M EBITDA
- Conducted high-level valuations and outreach to build Ridgeview’s proprietary private equity deal pipeline

### Software Engineer Intern

May 2025-Present

Amwins

Charlotte, NC

- Automated testing scripts & integrated workflows into CI/CD pipelines w/ SQL, improving efficiency of risk evaluation underwriting tools by 20%
- Enhanced validation workflows to reduce errors and support data-driven decision-making across teams

### Electrical & Computer Engineer

Nov 2024-Present

Cornell University Autonomous Drone

Ithaca, NY

- Built embedded software for drones to support real-time algorithms and quantitative decision-making.
- Developed cutting-edge drone electronics targeting optimized performance—Guinness WR candidate

### Computer Engineer Intern

Aug 2023-Aug 2024

Enventys Partners

Charlotte NC

- Developed a patent-pending mobility cane using FPGA and C++, boosting product efficiency by 40%
- Designed AI-enabled IoT monitoring to scale biomedical data collection for healthcare R&D clients

### Co-Founder

Jan 2020-Feb 2024

Techies Robotics

Charlotte, NC

- Co-founded and scaled an NPO that raised \$85K+ to expand STEM access for underserved kids in the Carolinas
- Partnered w/ various local & corporate investors such as BOA, WF, Costco, UIPath, & Synergy Capital
- Led 50+ members across 3 teams, grew reach to 5,000+ people, & delivered \$25K+ ROI through strategic scaling

## Projects

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### Optimized RC Quadcopter

Jan 2022-Jun 2023

Fab Academy

Charlotte, NC

- Engineered and programmed a \$200 quadcopter from scratch at 25% market cost (only \$200)
- Performed thorough market analysis of \$50B drone market to identify strategies/opportunities for further scaling

### Rock Paper Scissors Deep Learning Model

Jun 2022- Jul 2022

Wells Fargo Data Science Bootcamp

Charlotte, NC

- Built a 77% accurate deep-learning CNN model using computer vision to predict a person’s move pattern in RPS