Cameron Grant

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EDUCATION

The University of Georgia, *Honors Program*, Athens, GA   May 2023
- **Majors**: Bachelor of Science in Computer Science
- **GPA**: 3.75/4.00
- **Honors**: Honors Program, Dean's List, Magna Cum Laude, Less Value Presidential Waiver Scholarship ($19000 annually), Less one UGA Scholarship ($3000 annually), Mu Omicron Omega Scholarship ($1000 award), Etchberger Honors Scholarship ($2000 annually), Presidential Scholar, National Science Foundation Grant
- **Relevant Coursework**: Software Engineering, Data Structures, Mobile App Development, Machine Learning, Data Science
- **Relevant Skills:** Java, Python, SQL, Pandas, ML, Android, C++, C, R, Linux, Excel, Docker, Research, Git, Azure

PROFESSIONAL EXPERIENCE

PrizePicks *Part Time Game Operations Analyst - In-Game*   August 2022 - Present
- Supervised game scripts and action in NBA, WNBA, NFL, CFB, NCAAB, MLB, NHL, and Soccer,
- Made speedy, educated decisions on projections line movement and whether to offer or not
- Helped train new hires on PrizePicks technologies
- Monitored specific markets and stat types of in-game projections and reported patterns and liabilities to higher-ups

KPMG *Full Time Summer Quality Engineer Intern in the Digital Lighthouse Group,* New York, New York   June 2022 – August 2022
- Applied agile methodologies to manage thousands of weekly test cases on a sprint-by-sprint basis using Azure
- Managed the entire user acceptance testing part of the software lifecycle
- Strategized new scenarios on how best to manage 10,000+ user stories using Excel and Azure
- Aided in weekly, client-facing, and internal presentations outlining sprint updates
- Planned and designed test cases to be delivered to clients on a weekly basis

National Science Foundation *Summer Research Intern in Consumer Networking Technologies funded by the National Science Foundation's Research Experience for Undergraduates* (40+ hrs/wk), Columbia, MO   May 2021 – May 2023
- Implemented cybersecurity in a collaborative drone systems geographic routing protocol using a novel zero-trust approach
- Co-authored a computer networks research paper accepted and published in the Network Operations and Management Symposium
- Presented findings at NOMS 2023 symposium
- Investigated important issues in software-defined networking and visual computing at the network edge

Domino's, *Level 3 Delivery Expert*, Athens, GA   August 2020 - May 2021
- Provided excellent customer service to patrons in store and in the Athens community
- Trained new employees on restaurant and delivery procedures
- Facilitated opening and closing of the restaurant on $10000+ days, in addition to working the oven and register

PROJECTS/PUBLICATIONS

Trust Quantification in a Collaborative Drone System
- Invented novel approach to network security in a drone swarm with an emphasis on energy saving
- Published as third author to Network Operations and Management Symposium 2023
- Sole presenter of work at symposium with field experts

End-to-End Heart Disease Classification Machine Learning Model
- Investigated correlations between patients' heart data and presence of heart disease
- Exemplified strong data exploration analysis, visualization, and evaluation
- Implemented RandomizedSearchCV to tune hyper-parameters
- Concluded the model with a strong R^2 score of .885

Time Series Price Regression Model Competition
- Investigated feature importance of bulldozer data and visualized findings
- Placed in top 100 of competition with an R^2 of .882
- Manipulated dataset of 400,000+ for usability

MLB Total Bases Model
- Scraped data from Baseball Reference database to create usable data frames in pandas
- Analyzed data from pitcher and batter stats to determine which to use in model
- Split data from career stats to last 20 games to better determine form of players
- Created predictions of total bases for the 2022 MLB season

INTERESTS

Sports modeling, Trivia, Mathematics, Travel