

# Cameron Grant

(919) 360-6795 | [cameronmgrant5@gmail.com](mailto:cameronmgrant5@gmail.com) | <https://cameronmgrant.github.io/>

## 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, Selenium, 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