TONY DATTOLO

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Github Profiles:
github.com/tonydattolo
github.iu.edu/tdattolo

Core Programming Languages:
Python, Java

EDUCATION

Indiana University, School of Informatics, Computing, and Engineering, Bloomington, IN
Bachelor of Science in Computer Science
- **Specializations:** Data Science, Artificial Intelligence, Software Engineering

Dec 2021
GPA: 3.79/4.00

County College of Morris, Randolph, NJ
Associate of Science in Business Administration

May 2018
GPA: 3.85/4.00

PROFESSIONAL EXPERIENCE

Bank of America Merrill Lynch, New York, NY
Global Wealth & Investment Management Summer Analyst

June 2018 – August 2018

- Optimized portfolios for $30mm+ in prospect assets resulting in 10-60bps of savings by tailoring investment proposals based on weighting, performance, client profile, allocation strategies, and fee structures
- Completed portfolio reviews for 20+ clients resulting in $120mm+ in rebalanced portfolios by analyzing financial profile, risk-tolerance, goal funding, and allocation structures
- Mentored 5+ new analysts resulting in expedited on-boarding speed by clarifying the training process

Anthony & Sons Bakery, Denville, NJ
Business Development

May 2015 – February 2018

- Launched multi-channel B2B marketing campaign targeting 200+ Category Buyers/Directors, cultivating client acquisition pipeline opportunities for the domestic frozen bread market with an aggregate buying power of $14bn+
- Analyzed bakery industry macro trends, developed long-term competitive strategy, and launched product line extension targeted at an emerging market segment resulting in 15% higher gross margin for the company within that segment
- Negotiated contracts with 3 key accounts generating $3mm+ in total yearly sales and distribution to 600+ retail stores

PROJECTS & COMPETITIONS

Mancala Game: Artificial Intelligence Bot Competition
- Placed 1st of 200+ submissions for undefeated Mancala playing AI bot by creating a heuristic based on prioritizing an optimization of the golden state pattern

Mothership (SaaS)
- Developing ERP web application using PostgreSQL, HTML/CSS/SASS, JavaScript, Flask, Django, Heroku, and Flutter

I-441: Interaction Design Practice
- Awarded 1st place design on 2 separate client projects for UX designs based on data, user research, and company strategy
- Led team successfully as measured by quality of designs by utilizing agile methodologies including scrum and sprint

Case Competition: Rutgers Business School
- Placed 1st of 10 teams; awarded $2,500 cash and $5,000 in scholarships by leading the team in pitching a strategy & finance presentation to a panel of judges consisting of 9 senior finance industry executives

COMMUNITY SERVICE

The Petey Greene Program, Annandale, NJ
Volunteer Prison Tutor

September 2017 – May 2018

- Instructed 15+ incarcerated individuals weekly at the Mountainview Youth Correctional Facility to attain their G.E.D.
- Crafted research proposal to partner companies with newly released people to fill labor shortages and provide jobs

SKILLS & HOBBIES

Secondary Programming Languages: C, Dart, SQL, HTML5, CSS3, SASS, JavaScript
Frameworks/Platforms: Flask, Django, Flutter, Git, UNIX, Linux, Heroku
Design: Agile (Scrum), Sprints, Adobe XD, Wireframing, Prototyping, User Research, Usability Testing
Financial Modeling: Operational, DCF, LBO, M&A, Sum-of-the-Parts
Business Suite: Advanced Excel, Advanced PowerPoint, Salesforce, Bloomberg Terminal
Hobbies: Mixed Martial Arts, Russian Kettlebell Training, PC Gaming, Fantasy Football, The Eric Andre Show