Darin

New York NY | Darin.pgp@gmail.com

Tech consultant with a focus on security and artificial intelligence. Data analytics experience in financial and genomic data applications. Professional model with 7 years NYC experience in fashion, TV, and commercial shoots for global clients.

- Languages: Intermediate in Python including scikit and pandas, PostgreSQL, Java
- Environments: Android Studio, Ubuntu, GitHub, pgAdmin III, Oracle Virtualbox

PROFESSIONAL EXPERIENCE

Quantgene   New York, NY
Technical Analyst   December 2016 – today
- Built and managed quantitative analytics framework (python/sql queries) to analyze mutational cancer data
- Performed data extraction from data stores using psql to inform trend analysis and decision making
- Maintain existing and prototype new tools for data visualizations in support of strategic initiatives

i2X Capital Technologies   New York, NY
Quantitative Analyst   April 2013 – 2016
- Contributed code to the development of the i2X quantitative investment framework in excel/VBA
- Utilized machine learning to scale and optimize i2X Capital's quantitative option trading model
- Structured and extracted insights from qualitative and financial data on early stage tech startups

Multi-Agency Representation   New York, NY
Commercial & Print Fashion Model   April 2012 – Present
- Runway model for New York Fashion Week/Mercedes Benz, shows at top venues such as Lincoln Center, Madison Square Garden Theatre, Pier59 Studios
- Shot for diverse clients such as Johnson & Johnson, Tumi, Vogue, Glamour, Chanel, Maybelline, Clinique, Estee Lauder, Tom Ford, Sephora, Cadillac, Amazon, Intel, HP, Lenovo, Visa, Pepsi
- Appearances on national TV series for networks such as NBC, Showtime, Discovery Channel, and E!

GRADUATE STUDENT PROJECTS

Knowledge Based AI
- Developed Artificial Intelligence (AI) agent in Python that solved Raven's Progressive Matrix
- Produced working agent that exceeded technical requirements provided by combining the AI methods means-end analysis & generate and test, while factoring in cognitive science and how the human mind makes choices

Information Security/Malware Analysis
- Used a VM to run malware through the Cuckoo analysis engine; performed investigations on malware behavior to contribute signals to an automated risk engine and take action on significant anomalies

Web Security
- Performed cross-site request forgery (XSRF), cross-site scripting (XSS), and SQL injection in a VM to gain access to a mock bank account in order to understand loopholes in security

EDUCATION

Georgia Institute of Technology
M.S., Computer Science, Specialization in Artificial Intelligence
- Received Exemplary Research Project Distinction (awarded to top 5% of projects): Social Media and Online Education

Rutgers University   New Brunswick, NJ
B.A., Biology, Nutritional Sciences, and Psychology (Phi Beta Kappa Honors)

MEMBERSHIPS

Society of Women Engineers (SWE)   September 2017-present