**EDUCATION**

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| **Cornell University, May 2019**  Information Science B.S., Business Minor  *Interactive Technology, User Experience, and Digital Culture and Production Concentrations* | **Technical Skills**: Python, SQL, data science, data engineering, data visualization, git, object-oriented programming, front-end web development  **Relevant Coursework:** Data Science, Data-Driven Web Applications, Analytical Game Design, Ubiquitous Computing, Web Programming, Finance  **Language:** Chinese (Business Proficiency) |

**PROFESSIONAL EXPERIENCE**

**Upstream Security - Automotive Security Start Up New York, NY** *Experienced Data Analyst      January 2022 – Present*

• Led and pitched data-driven model development for two customers to identify vehicle and fleetwide cybersecurity threats

• Collaborated with global DevOps team to formulate an efficient data ingestion solution to cut customer costs by 30%

• Developed custom data parsers to normalize live, vehicle-related big data with streaming rates of multi-million records/hour

• Managed customer deliverables and owned analytics workstreams for two customers as the sole US-based data analyst

• Led bi-weekly forum to discuss new technology, insights and solutions

• Leveraged statistics and complex analysis to isolate anomalous records and fine-tune model logic

• Collaborated with global customers, Vehicle Research, Analytics and Vehicle SOC departments to provide valuable insights

• Automated manual tasks using Python to improve efficiency and reduce human error

**Ernst & Young New York, NY** *Forensic Data Analyst/ Senior Forensic Data Analyst September 2019 – December 2021*

• Developed preliminary regression and anomaly detection models

• Designed rules-based testing procedures and mechanisms using SQL to identify risky transactional records

• Automated manual procedures for financial services client to reduce human error and optimize engagement processes

• Visualized data insights into interactive dashboards for clients within the financial services industry

• Performed Exploratory Data Analysis and normalized multiple, large datasets to help clients understand data pressure points

• Developed custom PDF Extraction model using Python, pytesseract and openCV

• Lead and mentored incoming staff on internal engagement pursuits

**MGM Resorts International Las Vegas, NV**

*Multimedia Design Intern June 2018 – August 2018*

• Led 100% of user testing for internal Learning & Development website used by 77,000 employees

• Conducted extensive heuristic evaluations of L&D catalog website leading to over 30 site improvements

• Coded 2 iterations of prototype site based on wireframes derived from user research to guide site development

• Produced Food & Beverage Department operations manual to be used by about 10,000 F&B employees

• Directed intern committee of 7 in organizing bonding activities for 34 interns and designed 10-week yearbook

**ADDITIONAL EXPERIENCE**

**Pandora Dance Troupe Ithaca, NY**

*Treasurer, Choreographer August 2017 – May 2019*

• Made 100% of spending decisions to boost engagement and finance all team functions

• Consulted with 4 executive board members to arrange performances, marketing strategies, and social activities

• Managed over $8,000 in team funds and organized $2,000 budgets for 2 performances with audience sizes of 500+

• Sold 547 tickets with about 90% attendance rate to “Spring into Motion,” a college-wide showcase

**International Affairs Review Ithaca, NY**

*Vice President of Media January 2017 – May 2018*

• Developed media presence for organization that publishes research papers submitted by renowned universities

• Redesigned user-friendly website to increase brand presence and outreach

• Managed social media presence and marketed organization to grow club membership by 33%

• Collaborated with other board members to plan galas, social activities, and outreach strategies

**Cornell Marketing Organization Ithaca, NY**

*Consultant October 2016 – May 2019*

• Developed promotional strategies for Johnson Business School’s new Entrepreneurship minor

• Conducted market research on 5 food delivery outlets for national client within the food and beverage industry

• Attended lecture series and practiced case studies to learn and practice effective marketing strategies