**ARTEM GUZ**

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| **EDUCATION** | |
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| **City University of New York, College of Staten Island** | **Graduated May 2025** |

*Bachelor of Science in Computer Science*

**Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Web Development, Database Systems, Operating Systems, Cybersecurity, Game Development, Computer Networks

| **SKILLS** | |
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| **Programming:** Python, Java, C#, C++, JavaScript, PowerShell, | **AI/ML/Data:** TensorFlow, PyTorch, Pandas, NumPy |
| **Web/Mobile:** React.js, Node.js/Express, Flask, .NET MAUI | **DevOps/Tools:** Git/GitHub, Docker, Linux, OpenShift |

| **PROFESSIONAL EXPERIENCE** | |
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| **RBC Capital Markets** | **Jersey City, NJ** |
| *Software Engineer* | *April 2025 - Present* |

• Architected Office seating management platform (React, Node.js, MongoDB) with intelligent seat management algorithms and real-time analytics dashboards, deployed via OpenShift CI/CD pipeline, replacing manual Excel workflows and reducing administrative overhead by 80% for 2,000+ office spaces

• Developed a full-stack event check-in system using Python for QR code generation, React/Node.js web application with a MongoDB database, and VB script integration for automated Outlook mass email distribution, hosted on a Linux server, and reduced manual event processing time by 90%

• Developed multi-threaded IP Processing Tool for network infrastructure management using PowerShell, C#, WPF, .NET, and networking libraries to automate asset discovery and compliance reporting, improving scanning efficiency by 40% and providing $14,404 in potential annual savings

| *Technology Infrastructure Engineer Intern* | *May 2024 - November 2024* |
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• Led Windows 11 enterprise migration for 1,000+ machines while mentoring a team of 4 interns on deployment procedures and IT support protocols, ensuring minimal business disruption

• Managed complete lifecycle support for 850+ employees onboarding, including Windows imaging, Mobile Device Management (MDM) configurations, VPN setup, and SCCM deployments

• Resolved 1500+ critical CrowdStrike-related Blue Screen of Death (BSOD) incidents across multiple campus locations, implementing systematic troubleshooting procedures and preventive measures

| **DnR Events LLC** | **New York, NY** |
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| *Software Engineer* | *June 2023 - August 2023* |
| • Managed a production environment with 5,000+ daily users by monitoring performance, applying hotfixes, and coordinating release schedules to minimize downtime  • Collaborated in a team of 3 developers to design with Figma, build with Xamarin.Forms/.NET, and support apps through bug triage, feature updates, and user feedback tracking across iOS and Android  • Led migration from Xamarin.Forms to .NET MAUI by refactoring UI components, updating dependencies, and ensuring feature parity during rollout | |

| **PROJECTS & OUTSIDE EXPERIENCE** |
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| **Gaming Trends Analysis Project** |
| • Developed ML prediction model using the Python data science stack (Pandas, NumPy, Scikit-learn, Plotly) to forecast gaming industry trends with 92% accuracy, following full data lifecycle: collection, cleaning, feature engineering, and model evaluation  • Built an interactive Streamlit dashboard with real-time visualizations and integrated OpenAI GPT + Hugging Face models for automated report generation, sentiment analysis, and market insights  • Designed a business intelligence platform combining predictive analytics, RAG pipelines with vector databases (FAISS/Pinecone), and NLP-driven insights to support strategic decision-making for gaming market performance |

| **E-Commerce Platform “Planet Express”** |
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• Built a full-stack e-commerce platform using React.js/Vite, Flask REST API, and PostgreSQL, managing 1,000+ products with complete CRUD operations

• Implemented a secure authentication system with JWT tokens, bcrypt hashing, Redux state management, and automated SendGrid email notifications

• Developed responsive UI with CSS Grid/Flexbox and a comprehensive order management system supporting multi-device access and admin tools