# **ARTEM GUZ**

[+1 (929) 202-1696](tel:+19292021696) | [arteeguz@gmail.com](mailto:arteeguz@gmail.com) | Staten Island, New York, NY, USA | [linkedin.com/in/arteeguz/](https://linkedin.com/in/arteeguz/) | [github.com/arteeguz](https://github.com/arteeguz)

**EDUCATION**

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| **City University of New York, College of Staten Island** | **Class of May 2025** |
| *Bachelor's, Computer Science* |  |

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

**SKILLS**

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

**PROFESSIONAL EXPERIENCE**

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| **RBC Capital Markets** | **Jersey City, NJ, USA** |
| *Technology Infrastructure Engineer - Junior Tech* | *April 2025 - Present* |

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

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| *Technology Infrastructure Engineer Intern* | *May 2024 - November 2024* |

* **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
* Managed complete lifecycle support for 850+ employee 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

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| **DnR Events LLC** | **New York, NY, USA** |
| *Software Engineer* | *June 2023 - August 2023* |

* 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
* Managed a production environment with 5,000+ daily users by monitoring performance, applying hotfixes, and coordinating release schedules to minimize downtime
* 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

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| **E-Commerce Platform “Planet Express”** |  |

* Built full-stack e-commerce platform using React.js/Vite, Flask REST API, and PostgreSQL managing 1,000+ products with complete CRUD operations
* Implemented secure authentication system with JWT tokens, bcrypt hashing, Redux state management, and automated SendGrid email notifications
* Developed responsive UI with CSS Grid/Flexbox and comprehensive order management system supporting multi-device access and admin tools