Jimkelly Percine

Waltham, MA | 347-610-2001 | jimkellypercine@brandeis.edu | www.linkedin.com/in/jpercine | https://jimkellypercine.github.io/html-portfolio/

EDUCATION

Brandeis International Business School — Waltham, MA
Master of Science in Business Analytics (STEM-Designated) — 08/2024 - 05/2025
Relevant Coursework: Data Visualization, Database Management Systems, Advanced Data Analytics, ML

Brandeis University — Waltham, MA
Bachelor of Science in Computer Science and Business — 08/2020 - 05/2024
Relevant Coursework: Data Structures & Algorithms, OS, Discrete Math, Statistics, NLP, Cyber Security, HCI

EXPERIENCE

Brandeis University — Waltham, MA
Junior DevOps Engineer — 05/2022 - Present
- Deployed and configured 20+ Ubuntu/Red Hat servers across AWS EC2, on-premises, and hypervisors, ensuring optimal reliability.
- Crafted custom Python and Bash scripts to implement data-oriented solutions for computer science systems and servers.
- Resolved 200+ tickets submitted by the faculty and students leading to improved efficiency in internal and external projects.

Apple — Newton, MA
Sales Specialist — 07/2022 – 10/2024
- Boosted customer satisfaction by 25% and sales conversions by 15% through tailored technical consultations.
- Achieved business goals by leveraging product knowledge to exceed sales targets increasing business connections by 10%.

Publicis Sapient — New York, NY
Technical Product Manager Intern — 06/2023 - 08/2023
- Led the development of a generative AI marketing solution for 2,200 locations using Agile practices.
- Utilized Jira and Confluence to streamline workflows and improve communication between Engineering and Design teams.
- Improved collaboration between Engineering and Design teams, achieving efficiency through actionable tasks and smooth execution.

PROJECTS

Advanced Data Analytics — Waltham, MA
Diabetes Prediction Dashboard — 11/2024 – 12/2024
- Performed exploratory data analysis on healthcare datasets to identify links between clinical metrics and diabetes outcomes.
- Built and optimized a Random Forest model achieving 98.19% accuracy to predict diabetes diagnosis based on clinical data.
- Applied PCA and K-Means clustering to segment patients into risk groups, explaining 52% of variance with reduced dimensions.

Full Stack Generative AI Application for In-Store Advertising (ALBERT) — New York, NY
Technical Product Manager — 06/2023 – 08/2023
- Managed a full-stack Gen AI app with MongoDB Atlas, helping corporate managers create and distribute in-store ads efficiently.
- Conducted code reviews to ensure code quality and adherence to best practices, fostering collaboration within the Agile team of 10.
- Collaborated with developers using Git for version control and Jira for project management to ensure timely delivery.

Brandeis Computer Science Department — Waltham, MA
Internal System Automation — 03/2023 – 06/2023
- Developed a Python automation script for updating over 1,000 student account expiration dates utilizing the FreeIPA API, CSV and YAML configurations to ensure accurate data management and seamless integration.
- Reduced manual corrections by 75% through improved workflows, error handling, and automated notifications.

TECHNICAL AND BUSINESS SKILLS

Programming Languages: Python (Pandas, NumPy, scikit-learn, TensorFlow, PyTorch), R, Java, SQL, Bash
Data Analysis: Jupyter, Tableau, MySQL, MongoDB, Exploratory Data Analysis, Statistical Modeling
Machine Learning: Supervised and Unsupervised Learning, Neural Networks, Decision Trees, K-NN, Random Forests
Product & Project Management: Agile Methodology, Jira, Roadmap Planning, Cross-functional Collaboration, A/B Testing, Market analysis

OTHER

Certificates: Google Data Analysis with R Programming
Activities: Teaching Assistant for Software Entrepreneurship (2023–2024) and Rapid Entrepreneurship (2025)