

# Nicholas Taylor

4259540545 | [nicholast833@gmail.com](mailto:nicholast833@gmail.com) | [linkedin.com/in/nicholast833](https://www.linkedin.com/in/nicholast833) | [github.com/nicholast833](https://github.com/nicholast833)

## EDUCATION

### University of Washington Bothell

Expected Jun 2027

Bachelor of Science (B.S.), Data Visualization (GPA: 3.71)

Bothell, WA

- **Honors:** Dean's List (2023-2024); selected as a Peer Coach due to academic and professional merit.
- **Quantitative Coursework:** Linear Algebra, Statistics, Predictive Modeling.

## PROJECTS

### JacketGAN | Python, TensorFlow, OpenCV, GANs

Jul 2025 - Aug 2025

- Designed and built an end-to-end deep learning ETL pipeline to automate the creation of high-resolution j-card designs using a Generative Adversarial Network (GAN).
- Top-performing models served as a successful proof-of-concept, achieving ~80% of the desired output and automating a manual design process that typically takes 20-45 minutes per image.

### Tableau Job Market Deconstruction | Python, PostgreSQL, Excel, Tableau

Jul 2025 - Aug 2025

- Developed a comprehensive dashboard deconstructing data analytics in the modern job market. - Processed a public Kaggle dataset of 60,000 job postings using Python (Pandas), PostgreSQL, and Excel for validation and pivoting, expanding to 1 million lines for more granular analysis.
- Engineered a multi-sheet interactive Tableau dashboard translating raw data from 3,000 relevant roles into actionable insights, visualizing hiring trends, hotspots, and experience requirements.

### PyDualSense-MotionToKey | Python, SDL2-GameController

Jun 2025 - Jul 2025

- Designed a user-friendly end-to-end software application to query, visualize, and remap motion data from a Sony DualSense controller's gyroscope and accelerometer into desired output.
- Engineered entirely in Python, the tool allows users to create, save, and load custom script actions, which are triggered by wired or wireless movement of the controller.
- User-made script actions extend functionality to physical applications in tracking exercise reps, hotkeys for frequently used functions, and programming precise movements to control machinery.

## EXPERIENCE

### Peer Coach - Orientation & Transition Program

Mar 2025 - Present

University of Washington Bothell

Bothell, WA

- Analyzed qualitative data from initial consultations to develop personalized, data-driven success plans for over 75% of a 40-student cohort of prospecting first-years.
- Prepared and delivered frequent progress reports to supervisors, summarizing cohort engagement data and highlighting key trends for programmatic improvement.
- Ensured data integrity and quality across multiple platforms by meticulously tracking outreach dates, meeting notes, student progress, and goals throughout each student's first year.

### Specialist

Jul 2024 - Jan 2025

Apple

Lynnwood, WA

- Identified correlation between high-traffic product launches and B2B lead generation, increasing client qualification from the goal of 1-2 per week to upwards of 8 per day during release weeks.
- Translated user experience storytelling into high-value sales of the \$4,000+ Vision Pro packages through compelling, data-informed demonstrations tailored to an individual's or business's needs.
- Maintained top-tier KPIs, including a 70% AppleCare conversion rate and a 99%+ customer satisfaction rating, using sales data to inform and adapt personal sales strategies.

## TECHNICAL SKILLS

**Languages & Databases:** SQL, Python, R, PostgreSQL

**BI & Visualization Tools:** Tableau, Power BI, Excel, Databricks

**Libraries & Frameworks:** Pandas, NumPy, Scikit-Learn, TensorFlow, OpenCV

**Skills:** Data Analytics, Storytelling, Dashboarding, KPI Reporting, Machine Learning, Data Modeling