ERIK **VANK**

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EDUCATION

Brown University — Providence, RI
Computer Science and Economics — June 2027
- Incoming transfer student

University of Washington (UW) — Paul G. Allen School — Seattle, WA
Computer Science — June 2027
- GPA: 3.97/4.0, Honors Program, Quarterly Dean's List
- Related Coursework: Data Structures & Algorithms, Software Design and Implementation (Node + React), Discrete Math, Enumeration and Probability

The Overlake School — Redmond, WA
High School Diploma — May 2023
- GPA: 97/100, SAT: 1540 (790 Math, 750 EBRW), 9 AP Courses

WORK EXPERIENCE

Continental Finance | *Software Intern* — June 2024—Present
- Migrated production databases from SQL Server to Snowflake
- Created Tableau reports from Snowflake data to ensure legal compliance
- Achieved 2000% speed-up by upgrading SAS code to stored procedures

Continental Finance | *Data Science Intern* — June 2023—August 2023
- Created ML models to predict credit fraud using pandas/dask/xgboost python libraries
- Developed model predicted to save $7 million in retrospective testing

LEVO | *Software Development Intern* — June 2022—September 2022
- Created API testing tools in Python using Locust.io framework
- Reduced product demonstration time from ten minutes to a few seconds

ACTIVITIES

UW PLSE Research Group | *Researcher* — December 2023—Present
- Preparing paper on document-external annotations using LLMs, targeting OOPSLA
- Implemented React front end/Node.js back end for VSCode extension

Oversea | *Co-founder* — January 2024—May 2024
- Collaboratively created software to personalize marketing emails with generative AI
- Experience with FastAPI, Flask, Google Cloud Run, Llama 2, Firestore/Firebase
- Raised over $6,000 in credits from AWS, GCP

Public Forum Debate (High School) — May 2017—June 2023
- Earned top 40 placement in nation; #1 individually ranked in Washington state

SKILLS

Engineering Back-end Development | Databases | Node | React | Flask | FastAPI | REST APIs | GitHub/Git | CI/CD | Pandas, Dask, NumPy | Data Science | Snowflake | Tableau

AI LLMs | XGBoost | Neural Networks | Regression models (linear, logistic)

Languages Java | C++ | Python | R | TS/JS | SQL/SnowSQL | SAS