ERIK **VANK**

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EDUCATION

Brown University   **Providence, RI**
Computer Science (Sc.B.), Business Economics (A.B.)   **June 2027**
- Relevant Coursework: Algorithm Analysis, Software Engineering, Computer Vision

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
- Relevant 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
- Helped implement 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