

# 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