Kenneth Wu

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Education

University of Washington — Seattle, WA
Bachelor of Science in Informatics: Data Science, GPA: 3.91 — *Expected June 2027*

Bellevue College — Bellevue, WA
Associate in Art and Sciences — *June 2025*

Technical Skills

Languages: Python, SQL, Java, JavaScript, R
Cloud & Databases: Google Cloud (BigQuery, Firebase/Firestore), SQLite, relational database design
Data & Analysis: pandas, NumPy, Matplotlib, Power BI, Tableau, Excel
Developer Tools: Git, GitHub, VS Code
Practices: software testing, debugging, data validation, ETL, technical documentation
Web: HTML/CSS, React

Experience

Data Analyst Intern — March 2026 – June 2026
Rise Above — *Washington, DC (Remote)*

- Built Python and pandas pipelines to collect, clean, and standardize 18,000+ NCAA Division I–III basketball player records from 1,071 teams across 98 conferences
- Developed a validated ETL workflow with duplicate prevention, batched database writes, and optimized indexes to import player data into Firebase/Firestore
- Built a secure React staff portal with Google authentication, role-based access, statistical filtering, and shared watchlists, enabling recruiters to identify and evaluate prospective athletes

Data Analyst (Project) — November 2025 – December 2025
University of Washington Women's Basketball — *Seattle, WA*

- Tagged and categorized 200+ plays by execution quality and error type, building play-level performance datasets for 12 players
- Built a Python and pandas pipeline connected to Google Sheets to automatically calculate player statistics, rankings, and team performance metrics
- Designed front-end dashboards to visualize player and team metrics, built to help coaching staff spot performance trends

Data Analyst Assistant — June 2021 – July 2022
Bogor Accessories — *Bogor, Indonesia*

- Used Google Sheets to clean, organize, and summarize sales and inventory data using functions such as SUMIF, VLOOKUP, and pivot tables
- Identified sales trends and high-demand products to support inventory planning and restocking decisions

Projects

How to Win a Draft in Mobile Legends | *Python, SQL, SQLite, BigQuery, Power BI*

- Built a Python pipeline with validation checks to test 492 professional MLBB game records and load 490 accepted games into a normalized relational SQLite database
- Wrote BigQuery SQL queries to analyze hero priority, win rates, and hero pairs; found that the most-picked hero in MPL Indonesia S18 won 44.8% of its 87 appearances
- Developed an interactive Power BI report connected to BigQuery, comparing hero priority, pick win rates, and hero pair win rates across three tournaments, with sample-size filters and documented data limitations

AI Job Market vs LLM Trend Analysis | *R*

- Cleaned and transformed two Kaggle datasets using R (tidyverse), including handling missing values, fixing variable names, and converting text fields into usable numeric formats
- Standardized job titles, extracted release years, and cleaned model parameter fields to prepare both datasets for reliable cross-dataset comparisons and trend analysis
- Built summary tables and visualizations (time series, bar charts, and salary trends) to examine connections between LLM releases, AI job demand, and salary patterns from 2020–2024