Elizabeth Gronski

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EDUCATION

University of Washington, Seattle WA — *B.S. Informatics*

SEPTEMBER 2020 - JUNE 2024

- Major GPA 3.96, overall GPA 3.91
- Dean's List Recipient for 8 quarters.

PROJECTS

Interactive Web App — *Client-Side Developer*

MARCH 2023 - JUNE 2023

- Created website structure from HTML and CSS, as well as JavaScript and React library to add interactivity.
- Built Song Battles feature from scratch, utilizing state and personal knowledge of React components to make a responsive song-sorting application.
- Lead a group of 4 by organizing weekly meetings and supervising Git commit history and merge conflicts.

EXPERIENCE

Avanade, Seattle WA – *Junior Data Analyst*

AUGUST 2023 - PRESENT

- Utilize SQL, Excel and Git to clean and maintain data within the confidential, internal company database for downstream data analysis.
- Work with a large IT team and collaborate on updating current software, fulfilling data requests and maximizing efficiency within our data flows.
- Analyzing and automating data flows within the database by utilizing PowerBI.

Information School, Seattle WA — *Teaching Assistant*

JANUARY 2023 - PRESENT

- Teach students introductory programming skills in R and Python.
- Host weekly class and office hours to answer students questions and assist with programming assignments.
- Answer student inquiries through email, Discord and Campuswire forums, and during class.

Housing and Food Services, Seattle WA — *Resident Advisor*

SEPTEMBER 2021 - JUNE 2023

- Mentoring new resident advisors, providing constructive feedback and advice.
- Addressing residents' inquiries daily through in-person and email communication.
- Hosting 10-12 programs per year focusing on social, fundamental, and academic topics for up to 100 residents.

SKILLS

R and Python programming for statistical analysis and data science

Statistics and mathematics

Data visualizations using ggplot, Matplotlib, pandas, etc.

Data gathering, cleaning, and wrangling

HTML, CSS, JavaScript, and React.js for web development

Database management with SQL and Excel

Business Analytics with Tableau and PowerBI

PROJECTS

U.S. Campground Analysis is an interactive web application created using ShinyApps and ggplot data visualizations in R. https://github.com/info-201b-wi22/final-project-BA3

COVID-19 Hospital Analysis finds insights into hospitalizations and healthcare provider vaccinations. This project competed in the DubsTech Datathon, and was created using R and Python. https://drive.google.com/drive/folders/1XzyPHSYu_z9LT4EDCr-YnHkLS7Ddzg54?usp=sharing