

Lauren Ng

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EDUCATION

University of Washington, Seattle WA — Informatics, 2022

- **Relevant Coursework:** Computer Programming - Java, Client-side development, Web programming, Data Management
- Bachelors of Science in Informatics (GPA: 3.58/4.0)

EXPERIENCE

Software Developer, Meal Matchup — 2020 - present

- Using Firebase, React, and NodeJS to create scalable and clean application so non-developers can easily update our application
- Performing User-testing to improve overall user experience of the application

Research Assistant, University of Washington — 2019 - present

- Conduct data collection, via interviews, and perform qualitative data analysis
- Analyzed Found underlying trends and themes on women in tech

PROJECTS

Humble | Hackathon Project (Best Overall Project)

- Designed and implemented interactive website(HTML, Javascript, CSS) with NodeJS
- Implemented features to filter and find specific non-profits with SQL database
- Deployed project on GitHub, making it accessible globally

Loku | Full-stack development

- Designed front-end mobile friendly application for users to find local businesses
- Implemented backend using React and Firebase to retrieve, record, and display the data

Dangers of Light | Data Visualizations and Machine Learning

- Created data visualizations on light pollution with Python
- Implemented feature to predict amount of light pollution for future years
- Found answers questions using Pearson's Correlation algorithm

Shower Power | iOS Application

- Created application with Swift(C++) that allowed users to track shower times
- Implemented feature to record and graph shower times of the user
- Provided users better insight to their habits

Diet's Impact On Enviornment | Data Analysis

- Developed website with R to analyze environmental impacts of our diets
- Implemented feature to display impacts of certain recipes and food choices
- Created a number of visualizations to compare impacts of different foods

SKILLS

- **Languages:** Python, R, Java, Javascript, HTML5, CSS, React
- **Technologies:** NodesJS, git, MySQL, AWS, Unity, Firebase