Nathaniel Fu

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EDUCATION

University of Washington | Bachelor of Arts in Mathematics and Data Science   Sept. 2020 - June 2023
- Coursework: Foundational Skills for Data Science in R, Data Programming in Python, Matrix Algebra with Applications, Advanced Linear Algebra, Elements of Statistical Methods, Linear Analysis, Probability Theory, Discrete Mathematical Reasoning, Introduction to Modern Algebra, Linear Optimization, Introduction to non-Euclidean Geometries

Foothill College| High School Dual Enrollment   Apr. 2019 - Mar. 2020
- Coursework: Calculus III and Multivariable Calculus, Elementary Statistics, Introduction to Macroeconomics

Coursera | Google Data Analytics Certification   Issued July 2021

WORK EXPERIENCE

Developer   June 2022 - Sept. 2022
Cledge | Seattle, WA
- Built blog post tools for front-end display of webpage articles and back-end functionality to create new posts
- Attracted ***100+ new users*** by implementing new visualizations and updates to the company's webpage using **Typescript**

Web Development Intern   Jan. 2022 - Apr. 2022
The Commons XR | San Diego, CA
- Developed a single click executable for a Unity application that saves the user's time and data using machine script for Inno setup compiler
- Systemized **React** interface visualization tools for the company's webpage that helped attract up to ***100+ new users***

PROJECTS

DataFest 2023 - UW Statistics - University of Washington   Mar. 2023
- Analyzed the engagement between legal attorneys and pro-bono clients using **R programming** at a 3-day hackathon
- Prepared **QGIS** visualizations using data from the American Bar Association to analyze why only 53.1% of clients are engaging with their attorneys

LEADERSHIP & ACTIVITIES

Web Developer and Co-Tech Lead
GeoDat x EverybodyHacks | Seattle, WA   Jan. 2022 - May 2022
- Engineered my school's hackathon webpage by using **HTML/CSS, Bootstrap, and Javascript**
- Coordinated with two other web developers to create a working webpage for ***dozens of hackathon attendees***

UX/UI Design Lead   Jan. 2022 - Mar. 2022
Dubvelopers | Seattle, WA
- Consulted with clients for a health care center to design and prototype a website more user-friendly to their patients
- Designed and conducted usability testing on low fidelity and high fidelity prototypes using **Figma**

SKILLS

SQL | R | Python | Data Analysis | Data Visualization | Statistics | Probability | Tableau | Power BI | Mathematical Modeling