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
- Attracted ***100+ new users*** by implementing new **visualizations** and updates to the company's webpage using **Typescript**

Web Development Intern — Oct. 2021 - Dec. 2021
The Commons XR | San Diego, CA
- 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 visualizations such as "Average time taken to solve a question by categories" and "Top 10 states with shortest average time taken to complete one request" using **data from the American Bar Association**
- Determined that there's a perception amongst clients that questions won't be answered promptly as well as a lack of attorneys to meet the client demands properly based off the 53.1% of clients actually engaging with their attornies

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

HTML/CSS | Javascript | React.js | R | Python | SQL | Tableau | Google Analytics | Git | Typescript | Power BI | Chinese