Goldie Zhu

Full Stack Developer, User-Centered UX Researcher

Lafayette, CA, U.S.A.
goldiezhu.github.io
goldie.zhu@mail.utoronto.ca
(925) 660-2568

EXPERIENCE

University of Toronto — *Research Trainee*

Jun. 2021 - PRESENT | Prof. Kelly Lyons | Toronto, ON, Canada

Keywords: Programming, Data Visualization

· Worked in Javascript and HTML to refine UniSankey, a data visualization tool originally configured to visualize one specific set of industry-academic collaboration data.

· Reprogrammed UniSankey to accept any dataset and created scripts to transform datasets into a UniSankey accepted format.

eMapGo — *Big Data Intern*

Jun. 2019 - Aug. 2019 | Leading Map Company in Beijing, China

Keywords: Programming, Data Visualization, Research

· Worked with large amounts of coordinate data and car metadata collected from the in-car navigation systems (OEM) of partner automobile companies.

· Used SQL and PostgreSQL to process data and visualize user car trips, used to identify highly traveled roads, new roads, and areas of improvement in their GPS software.

· Compiled thorough reports from my research and analysis on how to utilize big data to create desired new software functions, such as advances in autonomous driving functions.

California Assemblywoman— *Political Intern*

Jun. 2015 - Jul. 2015 | District 14 Susan Bonilla | Concord, CA, U.S.A.

Keywords: High Volume Client Facing Work, Data Entry

· Communicated directly with constituents through emails and phone calls. Commended for hard work and efficiency after I cleared months of data backlog in less than a month.

SKILLS

Languages: C / C++, HTML, Python, Javascript, Java, Groovy, SQL

Tools: Visual Studio, VS Code, pgAdmin4, Node.js, Qt, PostgreSQL

UI/UX Skills: Prototyping, Wireframing, UX Research, Personas

UI/UX Tools: Photoshop, Balsamiq, Mural, Figma

Education

University of Toronto, Canada
Bachelor of Information

Sept. 2020 - Apr. 2022 (Expected) | GPA: 3.87

Relevant Coursework:
How to make a Computer, How to Design, Design Interactive Systems, Computational Reasoning

Tsinghua University, China
Bachelor of Science, Computer Science

Aug. 2018 - Jun. 2020 (Transfer)

Relevant Coursework:
Fundamentals of Programming, Object-Oriented Programming, Human Computer Interaction, Calculus A, Linear Algebra, Statistics, Discrete Mathematics

LANGUAGES

Mandarin Chinese, English