Christopher Jinwoo Cha

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EDUCATION

University of Washington   **Seattle, WA**
Major: Geography Data Science, **Minor:** Informatics   Expected*: Spring 2023*

Related coursework: Computer Programming I/II; Intellectual Foundations of Informatics; Foundational Skills for Data Science; Databases and Data Modeling; Information Ethics and Policy; Calculus with Analytic Geometry I/II/III; Elements of Statistical Methods; Client-Side Development; Research Methods; Geographic Information and Spatial Analysis

SKILLS

Languages: Java, R, HTML, CSS, JavaScript, SQL **Libraries:** D3.js, React, ggplot2, dplyr, tidyr, ploty
Software: Microsoft SQL Server, MySQL Server, Microsoft Office Suite, Tableau, QGIS, ArcGIS, WordPress, Qualtrics

ACTIVITIES & LEADERSHIP

Polling and Open Data Initiative (POD) at The University of Washington   **Seattle, WA**
Assistant Director, Design and Web Development   Jan 2021 - Feb 2022
- Managed the WordPress hosted website and led the organization of all publications
- Created R/Tableau led data analytical reports on:
  o Internship & Career Plan for Computer Science Students during the COVID-19 Pandemic
  o Perceptions of pandemic-motivated discrimination among Asian American students
- Implemented a dashboard page that featured data driven projects created by POD members
- Created a Get Involved page where users could add their email to an email directory and supply feedback and applications to the organization
  o Allowed the team to follow up on feedback about the website or our reports
  o Implemented into a Slack Bot created to allow the use of acceptance/rejection commands for new membership applications

ACADEMIC PROJECTS

INFO 330 - Data Base and Data Modeling   **Seattle, WA**
Team Lead   Mar 2021 - June 2021
- Coded and a database model using MySQL Server and Microsoft SQL Server Management
- Created a database that would allow Twitch to implement a rankings list of creators on the platform
  o Used public data on Twitch streamer's number of subscribers and tiers of subscriptions
  o Database was also reflective of Twitch's current operations
- Led and presented progress of the project while also managing group tasks

INFO 340 – Client-Side Web Development   **Seattle, WA**
Team Lead   Sept 2021 - Dec 2021
- Created an interactive Firebase hosted webpage
  o Presented the University of Washington's libraries with a focus on their accessibility information
  o Accessibility was rated based on number of handicap access points
- Implemented a review/ratings page where user inputs would be saved on a JSON file to be displayed on the page
  o Page also had a filter function for all user imputed data

WORK EXPERIENCE

Apple   **Seattle, WA**
Technical Specialist   Oct 2021 - Present
- Assist customers with diagnosing and solving Apple iOS hardware and software issues
- Created business driven insights and decisions that has increased the store's customer feedback rating by 14 percent in 2022 from 2021
  o Maintained the highest net promoter score in the position during Q1, Q2, Q3 of 2022

Plus One Foundation   **Seattle, WA**
Data Analytics Intern   Aug 2021 - Feb 2022
- Book kept all organizations data into Excel sheets
- Created budgets for charity events using Excel
- Led outreach to different companies and sought out donations and collaborations
  o Collected over $25,000 in donations
- Resolved all technical issues for event live-streams and recordings
  o Created chat commands that encouraged engagement during the events

Field of Interest

Data Analysis, Data Visualization, Database Engineering, AI, Mapping Tools, and Game Development