



Contact



Clifford.Kei.Hartley@gmail.com



(360) 672-5365

Skills

Languages

HTML
CSS/Sass
JavaScript
Java
Python
R
SQL
GraphQL
JSON

Libraries

React
Angular
Redux
Bootstrap
Material-UI
Express
Axios
Mongoose
Bcrypt/Uuid
Apollo Server

Databases

MS Azure
MongoDB
Firebase
MS SQL
SQLite

Environments

VSCode
RStudio
Postman
Github
Apollo Studio
Jupyter

UI/UX Design

User Research
Personas
Storyboards
Information Architecture
Wireframe
Prototype

Education

University of Washington | Seattle, WA

Exp. Grad. June '22

Bachelor of Science
Human Centered Design & Engineering
Option in Data Science
Dean's List: SP 20, FA 20, WI 21
Department GPA: 3.95

Skagit Valley College | Mount Vernon, WA

Sept 2016 - June 2018

Associates Degree with High Honors
General Transfer
GPA: 3.96

Experience

Software Engineering Intern

Oct. '20 - Jan. '21

VillaVox, Seattle WA

- Implemented full-stack React and Google Firebase
- Edited SCSS and CSS files to apply mobile responsiveness
- Created components based off of Zeplin mockups

Research Assistant

Aug. '20 - Jan. '21

Sensors, Energy, and Automation Laboratory, Seattle WA

- Lead developer for SUDOKU project in a team of six
- Built user interface with React and managed state with Redux
- Stored data collections in Google Firestore
- User authentication through Google, Email, and Facebook

Projects

Anime Project (JavaScript, HTML/CSS)

- Axios to communicate with APIs for the project
- Bcrypt to encode user data to protect privacy
- Express to create a server to handle GET and POST requests
- Stored data with a MongoDB database

FlightDB

- Final project in Intro to Database Systems at UW
- Designed a database in MS Azure to keep track of customer flights
- Executed SQL queries with Java Prepared Statements
- Used Apache Maven to automate testing

Birdio

- Final team project in Intro to User-Centered Design
- Designed a mobile application to connect bird-watchers
- Conducted user interviews, created personas, and a journey map
- Created low fidelity and high fidelity prototypes
- <https://birdiohcde.wixsite.com/birdio>