Arjun Aggarwal

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SUMMARY OF QUALIFICATIONS

- Informatics graduate focusing on Software Engineering and Data Science with expertise in Back-End and Front-End programming, aiming to develop exciting new software with the aim to solve problems in an innovative manner.
- **Programming Languages:** Java, C++, R, Python(pandas, NumPy), SQL, NoSQL, HTML, CSS, JavaScript, ReactJS, Dart, Flutter
- **Technical Tools**: Git, Android Studio, AWS, AWS Honeycode, Firebase/Firestore

EDUCATION AND COURSEWORK

University of Washington, Seattle *GPA: 3.67/4.0*   **Sep 2018 - June 2022**

Bachelor of Science in Informatics; Concentration in Software Engineering and Data Science   *Seattle, WA*

- *Coursework*: Java Programming I & II, Database Systems and Internals (SQL, XPath, XQuery, SQL++), Data Structures and Algorithms (Java), Client-Side Development (JavaScript, HTML, CSS, ReactJS), Core and Advanced Methods in Data Science(Python, R), Mobile Development: Android(Java, Kotlin, XML), Server-Side Development(NodeJS)
- *Awards*: Dean's List- Winter 2020, Spring 2020, Fall 2020, Winter 2021, Spring 2021, Winter 2022

PROJECTS

Touristy Web App: Client-side Development *Software Developer*   **Jan 2021 – March 2021**
- Developed a web app which enables a user to search any top destination and view information about that place and make a list of favourite places(requires sign-in).
- Utilized the ReactJS framework(including HTML, CSS, JavaScript). Incorporated concepts and tools ES6, React-router and responsive CSS.
- Used Google Firebase for hosting application, data storage and user-authentication.

  Project Link: https://touristy-2be13.web.app GitHub Repository: https://github.com/info340-wi21/project-2-ginsueddy

LangXpert Android App: Android Development *Android Developer*   **March 2021 – June 2021**
- Built a vocabulary list application using Kotlin and Android Studio that focuses to learn new languages.
- We can not only add new words and definitions but also add synonyms, antonyms and example sentences.
- There are two modes: Study mode and Quiz mode and the user can easily toggle between them.
- GitHub Repository: https://github.com/Sunnycucu/LangXpert

WORK EXPERIENCE

Peppermint Robots- Software Engineer   *Pune, India*   **Nov 2022- Present**
- Working on Peppermint Front-End Stacks, building simple, beautiful and functional user interfaces that enable positive user experiences and measurable business growth.
- Developing new features in support of rapidly emerging business and project requirements.
- Brainstorming and building intuitive frontend applications, maintaining high code quality standards and thoughtful User Interface design.
- Working with Agile Development methodologies and pursuing continued learning opportunities.
- Working primarily in Flutter(Mobile, Web and Desktop) and FAST API.

University of Washington iSchool   **Sep 2021 – Dec 2021**
Undergraduate Teaching Assistant: *INFO 448 (Mobile Development- Android)*   *Seattle, WA*
- Teaching 45 undergraduate students Kotlin and XML to work on a project to create interactive, user-focused systems and to improve Android Development skills.
- Educating concepts of Mobile Development like implementation of mobile apps, including build tools, programming languages and libraries, user interfaces, application architecture, and industry practices.
- Instructing students to focus on harnessing communication systems and sensors specific to mobile platforms.

Lightbeam.ai Inc.- Software Engineering Intern   *San Jose, CA*   **June 2021- Sep 2021**
- Working on a web application with multiple workflows and analytical dashboards using Typescript, HTML and CSS.
- Focusing on domain knowledge around data privacy and compliance like GDPR, CCPA etc.

- Enhancing web functionality using latest web development tools and technologies including React, Redux and GraphQL.

University of Washington iSchool   **Jan 2021 – June 2021**
Undergraduate Teaching Assistant: *INFO 201 (Technical Foundations)*   *Seattle, WA*
- Teaching 26 undergraduate students R, ggplot2, Shiny, HTML, CSS to work on a project with interactive Data Visualisation and to improve Web Development skills.
- Educating concepts of Software Development like APIs, Git, Data Libraries to clean, wrangle & analyse visual datasets.

University of Washington iSchool   **Aug 2020 – Dec 2020**
Undergraduate Research Assistant: *InfoSeeking Lab*   *Seattle, WA*
- Working on "InfoFostering Project" to build a flexible expert recommender system by performing quantitative and qualitative research in Human Information Behavior, Information Retrieval and HCI using SQL, Python, TensorFlow
- Analysing and cleaning data from three data sets with over 300,00 questions and answers by experts and users.

LEADERSHIP AND ACTIVITIES

Unite UW Students Association- UUSA *(Cultural RSO)-* **Director of Events**   **May 2019 – June 2022**