EFRA AHSAN

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EDUCATION

University of Washington, *Seattle WA*   *Sept 2020 - June 2023*
Bachelor of Science in Informatics, Department GPA: 3.7

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, CSS, HTML, R, SQL/SQLite
Skills: Fast Development, Statistical Modeling, SQL Databases Management & Design
Libraries/Frameworks: Git, React.js, Node.js, Bootstrap, scikit-learn, statsmodels, seaborn, matplotlib
Business Skills: Leadership, Project Management, Product/Strategy Innovation
Conversational Languages: English, Urdu, Punjabi

EXPERIENCE

atlas, *Freelance Web Developer, Seattle WA*   *May 2023*
  Developed the current webpage for an on-campus, Dempsey student start-up.

Synaptech @ UW, *Website Team Co-Lead, Python Programmer, Seattle WA*   *Nov 2021 - Present*
— Co-leading the ongoing development and design of www.synaptechuw.org.
— Designed the mockups and brandbook for improving Synaptech's website theme.
— Using python, decoded EEG data for the purpose of tracking how a user enjoyed the music they were listening to.

Quasistatics Inc., *Marketing Contractor, Seattle WA*   *April 2022 - June 2022*
  Connected 10XR, a stealth e-commerce technology start-up, with clients in King County, and
  dispensed usability research from client demonstrations.

Classroom Experience at University of Washington
— **Informatics Capstone (IP)**: Leading full-stack developer for *GardenSpace,* a web application that connects Seattle individuals to local urban gardening communities to reinstate urban community involvement.
— **Project-Based Mentorship (IP)**: Project manager of a consulting team working with Dirt Masters Inc., a local excavation company, to improve business operation while closely mentored by experts from Hewlett Packard Enterprise.
— **Course Project (March 2023)**: Using React.js and Firebase, created *OurFamily*, a web application prototype to archive family recipes and photos, and display the multi-users' schedules on an interactive calendar.
— **Course Project (Dec 2022)**: Using python and Microsoft Azure, programmed an appointment scheduling application on command-line interface that sustains multiple users.
— **Course Project (May 2022)**: Created a Shiny.rstudio application with interactive visualizations coded in R to analyze different attributes of electric-vehicle makes observed in Washington state.

AWARDS, ACHIEVEMENTS & PUBLICATIONS

Polling and Open Data Initiative @ UW, *Data Analyst, Seattle WA*   *Feb 2023 - March 2023*
  Upcoming publication of, "Crisis Contacts Made Around U-District: Analyzing Requests for
  Police Help Near University of Washington".

Neuroscience Undergraduate Reading Program, *Educational Presenter, Seattle WA*   *Sept 2022 - Dec 2022*
  Presented literature studying the human-computer interaction of voice-user interface.

Grey Matters Undergraduate Neuroscience Journal, *Writer, Seattle WA*   *Jan 2022 - April 2022*
  Upcoming publication of, "Hacking Consciousness: Meditation, Ego Dissolution, and
  Enlightenment Engineering".

The Citizens Foundation-USA UW Chapter, *Events Coordinator, Seattle WA*   *March 2022 - Dec 2022*
— Coordinator of financially successful fundraising events and professional banquets.
— Acknowledged at TCF-USA's annual conference for starting the pioneer university chapter in the USA.

American Red Cross, *Volunteer, Camas WA*   *Sept 2016 - June 2020*
— Received a merit-based scholarship for independently coordinating two local blood drives.
— Received the Rising Star Initiative Award from Southwestern Washington Youth Council 2019.