Achinth Bharadwaj

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EDUCATION

University of British Columbia 🔗

Sep 2018 - Apr 2023 | Vancouver, Canada

B.S. Combined Major in Computer Science and Statistics

- Relevant Coursework: Object-oriented construction, Introduction to Data Science, Data Structures and Algorithms, Models of Computation
- Associations: UBC Launch Pad, UBC ultimate intramural champs, UBC Science Co-op

EXPERIENCE

The Boeing Company

Jan 2020 – present | Vancouver, Canada

Software Engineering Intern

- Build a testing framework using Selenium and Pytest in Python for a containerized data app
- Redesign an outdated factory operations web app for engineers with Vue and Node.JS
- Interface with development and quality teams to define requirements and documentation

UBC Launch Pad 🔗

Sep 2019 – present | Vancouver, Canada

Software Developer

- UBC's resident software engineering design team
- Develop software projects with 4 team members with real-life applications
- Built a carbon footprint app using Javascript and React Native in an agile environment

PROJECTS

Footprint Sep 2019 – Mar 2020

- Developed a JavaScript app that guides users to better understand how their diet impacts their ecological footprint
- Implemented data visualization and analytics pages using React Native and Expo

TypeMeNot2 Jan 2020

- Built a Google Chrome extension using JavaScript and Node.JS
- Utilized the Perspective Google API in order to determine toxicity of user input to solve automatic moderation

Predicting cervical cancer in female patients from lifestyle choices

Dec 2019

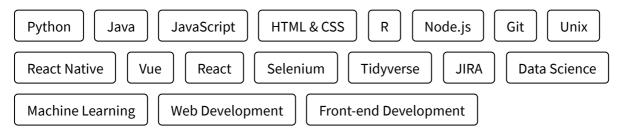
- Analyzed a UCI Machine Learning cervical cancer dataset using R and tidy verse
- Tuned a k-nearest neighbours machine learning model to predict cervical cancer prevalence

Desktop Task Manager

Mar 2019 – Apr 2019

- Constructed a personal Java task manager with tags, deadlines and priority levels
- Parsed system input into JSON for data persistence and built a GUI with FXML

PROGRAMMING SKILLS



AWARDS

Wolfram Award Jan 2020

nwHacks 2020

• Top 15 programming projects at UBC's largest hackathon with over 300 participants

Youth Good Neighbour Award

May 2018

Association of Neighbourhood Houses of British Columbia

 Awarded with the Burnaby Neighbourhood House for creating a youth leadership and empowerment program for elementary school students