

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- Redesign an outdated factory operations web app for engineers with Vue and Node.JS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 tidyverse
- 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

Python	Java	JavaScript	HTML & CSS	R	Node.js	Git	Unix
React Native	Vue	React	Selenium	Tidyverse	JIRA	Data Science	
Machine Learning	Web Development	Front-end Development					

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