Achinth Bharadwaj

⊙ Vancouver, Canada ✉ achinth.bharadwaj@alumni.ubc.ca ☎ +1 (778) 319-8140 ↖ achinth.ca

○ bigdaddytwochinz   in achinthnb

EDUCATION

University of British Columbia 🔗
B.S. Combined Major in Computer Science and Statistics

September 2018 – present | Vancouver, Canada

- Targeted coursework: Object-oriented Construction, Introduction to Data Science, Data Structures and Algorithms, Models of Computation
- Associations: UBC Launch Pad, UBC ultimate frisbee intramural champions, UBC Science Co-op candidate

PROJECTS

Footprint 🔗
September 2019 – March 2020

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

TypeMeNot2 🔗
January 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

Desktop Task Manager 🔗
March 2019 – April 2019

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

Predicting cervical cancer in female patients from lifestyle choices 🔗
December 2019

- Analyzed a UCI Machine Learning cervical cancer dataset using R
- Tuned a k-nearest neighbours algorithm to create an ML model to predict cervical cancer prevalence

PROGRAMMING SKILLS

JavaScript   Python   Java

HTML & CSS   R   Node.js   Git

Web Development   Machine Learning

React & React Native   Vue   Unix

Selenium   Tidyverse

EXPERIENCE

The Boeing Company
Software Engineering Intern

January 2020 – present | Vancouver, Canada

- Build and debug a containerized testing framework using Selenium and Pytest for a data pre-processing application in Python
- Redesign and scale an outdated airplane factory operations web application for engineers using Vue.js and Node.JS
- Interface with development and quality assurance teams to define requirements and documentation

UBC Launch Pad 🔗
Software Developer

September 2019 – present | Vancouver, Canada

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

AWARDS

Wolfram Award
nwHacks 2020

January 2020

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

Burnaby Neighbourhood House
Youth Volunteer
December 2014 – September 2018 | Burnaby, Canada
- Volunteered 40 hours a month with the Burnaby Neighbourhood house as a youth volunteer in child empowerment programs

Youth Good Neighbour Award
Association of Neighbourhood Houses of British Columbia
May 2018
- Awarded with the Burnaby Neighbourhood House for creating a youth leadership and empowerment program for elementary school students