Achinth Bharadwaj

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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 0

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 $\mathscr O$

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 $\mathscr O$

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

ORGANISATIONS

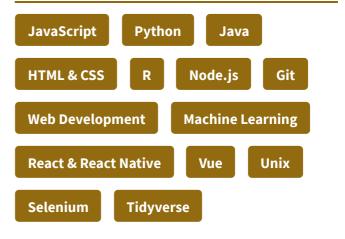
Burnaby Neighbourhood House

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

PROGRAMMING SKILLS



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- Redesign and scale an outdated airplane factory operations web application for engineers using Vue.js and Node.JS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

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