# Achinth Bharadwaj

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

○ bigdaddytwochinz in achinthnb

## 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*
- Redesign an outdated factory operations web app for engineers with Vue, Java and Node.JS
- Automate a testing framework using Selenium and Pytest in Python for a containerized data app
- 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

**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

**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 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

## 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