ACHINTH BHARADWAJ

Computer Science & Statistics Student

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- Achinth Bharadwaj

TECHNICAL STRENGTHS

- **Proficient:** Java (3 years) , Python
- **Familiar:** R, tidyverse, matplotlib, caret, git
- **Beginner:** JavaScript, C++, HTML/CSS, tensorflow
- **Technologies:** React Native, Node.js

WORK EXPERIENCE

Intern at The Boeing Company   **Jan 2020 - Present**
- Currently working for the **Digital Solutions and Analytics Team** at Boeing Vancouver
- Working with data scientists to determine **new machine learning cloud practices** to ensure safe data management

Software Developer at UBC Launch Pad   **Sep 2019 - Present**
- **Develop** software projects with **4 team members** with real-life applications
- Currently working on front-end development for a **carbon footprint statistics app** using **Javascript** and **React Native**

PROJECTS

Jan 2020 - Present

TypeMeNot2
Built a quick Google Chrome extension using **JavaScript** and **Node.js**
Utilized the **Perspective Google API** in order to determine toxicity of user input
Built as a quick solution to moderation where toxic input generate cautions for users

Nov - Dec 2019

Predicting cervical cancer risk from lifestyle choices in female patients
Analyzed a UCI Machine Learning **cervical cancer dataset** using **R**
Tuned a **k-nearest neighbours** algorithm to create an **ML model** to predict the prevalence of cervical cancer

Feb - Mar 2019

Desktop Task Manager
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**

May - Jun 2018
personal

Desktop Chess
Constructed as proof of concept for **data structures** and **object-oriented design** in **Java**
Enabled with complex chess moves including **castling** and **en passant**

EDUCATION

2018 – current

Bachelor of Science in Computer Science and Statistics   **The University of British Columbia**
Expected Graduation: June 2023
Targeted coursework: Object-oriented Construction, Introduction to Data Science, Data Structures and Algorithms, Models of Computation

AWARDS

Wolfram Award @ nwHacks 2020 - within top 25 percent of submissions with **TypeMeNot2**

2018 Youth Good Neighbours Award - certified the Association of Neighbourhood Houses of British Columbia

HOBBIES

I started my high school varsity nearly three years ago along and fostered a program that now spans over a hundred students, winning multiple city championships in 2018 and 2019. I'm also a two-time intramural champion at UBC!

COMMUNITY INVOLVEMENT

Volunteering - I help the Burnaby Neighbourhood house as a youth volunteer with child empowerment programs!
Softboarders - I make YouTube videos about algorithms and data structures in order to return to the community and help those in need of it.