RIPUDAMAN THIND

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EXPERIENCE

January 2020 - April 2020

Junior Software Developer, *Swartz [4 months] [Start-Up] [Kamloops, BC]*
- Developed Mobile Application Prototypes for a Fitness Trainer App providing coaches the ability to manage their clients efficiently for both iOS and Android using React Native, TypeScript & ESlint
- Led the Development of testing the final prototypes for continuous integration
- Contributed in design and dealt with feedback from daily users

May 2019 - December 2019

Software Developer Co-Op, *USNR [8 months] [Salmon Arm, BC]*
- Led the design and development of neural networks for species detection of wood improving the results from 56% to 94%
- Assisted in requirement gathering, design, development, and documentation for various AI projects using cntk (Python) to further enhance the defect detection products in the forestry industry
- Did hands-on work with bioluma laser sensors to understand and improve how data was being collected and used for various neural networks across the company

January 2019 - April 2019

Research Assistant, *Thompson Rivers University [4 months] [Kamloops, BC]*
- Upgraded basic biology scripts like DNA to RNA conversion and vice versa being used by the professor from Perl to Python
- Led the coding side of the project. Researched the best approaches that could be incorporated for accurate results with low runtimes

September 2018 - December 2018

Teaching Assistant, *Thompson Rivers University [4 months] [Kamloops, BC]*
- [Python and C#] Assisted the professor with managing evaluations of course assignments, quizzes, and development of feedback
- Tutored students who needed extra help outside classroom hours

April 2018 - January 2019

Cashier, *Walmart [10 months] [Kamloops, BC]*
- Gained people skills by processing people's transactions and providing good customer service

PROJECTS

April 2020

Portfolio Website *[Self Driven]*
- Tech stack: ReactJS, Netlify (Continuous deployment), Git
- This is one of the first projects I made public to present my skills in React JS

May 2020 - ongoing

Sorting Visualizer *[Self Driven]*
- Tech stack: Java, Swing, Git
- A visualizer project displaying the workings of algorithms like binary and selection sort

December 2019

React Native Calculator *[Self Driven]*
- Tech stack: React Native (JS), Detox (e2e testing in progress), expo
- My first react native project that I put up on display and it helped me land a job

EDUCATION

Bachelor of Computing Science, *Thompson Rivers University*, *[2016 – 2021] [Kamloops, BC]*
- GPA: 3.36
- 4th Year with Ongoing Minor in Business Management

KEY SKILLS AND CHARACTERISTICS

- **Languages** – JavaScript, Python, Java, MySQL, C
- **Technologies/Frameworks** – Git, Slack, Node.js, Bootstrap, React, React Native, OpenCV, Vision, various Oss, RESTful APIs, TypeScript, ESlint, HTML, CSS, Detox (e2e testing react native), Android (Java), firebase
- **Non-Tech Software** – Proficient in MS Office, Audacity, Photoshop, Lightroom, Figma, Axure, Vegas pro and Premiere Pro
- **Adaptability** – Learnt various skills and languages on the job while also researching efficient ways to complete projects
- **Teamwork** – Have worked in various teams using both Kanban and SCRUM professionally

ACTIVITIES AND INTERESTS

I love longboarding, videogames and collecting fountain pens in my leisure time.