

# 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
  - 4<sup>th</sup> 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.