

Vethursan Jegatheeswaran

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EDUCATION

- **University of Toronto** Toronto, ON
Bachelors of Science, Computer Science & Statistics *Graduated: June 2020*
- Relevant coursework: Software Engineering, Software Design, Data Structures & Algorithms, Databases, Web Development, Machine Learning

SKILLS

- **Languages:** Python, Java, JavaScript, C
- **Frameworks/Tools:** Node.js, Express.js, React.js, AWS (EC2, Lambda, DynamoDB), MongoDB, PostgreSQL, Bash, Git, SVN, Jenkins, JIRA, Docker, JUnit, Maven, Maven JUNIT

EXPERIENCE

- **BlackBerry** Ottawa, ON
Software Developer Intern *May 2019 - August 2019*
 - Utilized AWS Lambda, DynamoDB, and Node.js to develop a voice to text BBMe messaging service.
 - Developed a service to deliver BlackBerry AtHoc alerts via smart speakers (Amazon Alexa, Google Home).
 - Ported the services onto a custom Raspbian device by leveraging the the Alexa Voice Services SDK.
- **Environment and Climate Change Canada** Toronto, ON
Software Developer Intern *May 2018 - May 2019*
 - Contributed to the continuous enhancements of the 24/7 Mission Control Data Management System team for every release cycle, by developing components in Java that decoded and processed data recorded by sensors across Canada.
 - Collaborated with team members and business analysts to implement various software design and programming tasks required for analyzing weather data for the Manitoba Fire Network.
 - Created scripts to automate the process of updating the dependent configurations for various programs, apps and components when the state of a sensor configuration is updated.
 - Developed a log aggregation tool which allowed the testing and validation period to be reduced by 30%.

PROJECTS

PlaylistMerger www.playlistmerger.com

- Built an application to merge a Spotify playlist into another or combine two playlists into a new one.
- Developed using Node.js, Spotify API, jQuery and Docker.
- 192 active monthly users as of November 2020.

PassTheAux

- Group music listening app where users can create/join a room, queue songs and vote for upcoming songs to be played.
- Built over Spotify using the Spotify API, Web SDK, Node.js and React.js
- Implemented token-based Authentication and Authorization mechanisms using JWT.