

# Arun WOOSAREE

BSc. Computer Engineering Software Co-op - University of Alberta

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## PROFESSIONAL EXPERIENCE

Present January 2022	<b>Software Engineer - GENERAL DYNAMICS MISSION SYSTEMS CANADA</b> <ul style="list-style-type: none"><li>Joint Canada-UK project involving tanks and radios</li></ul> <div>C++ Python Gitlab C# Java Docker Bash</div>
December 2020 June 2020	<b>Backend Developer - ATB FINANCIAL</b> <ul style="list-style-type: none"><li>Automated the storage of customer files and documents, ensuring the correct metadata and policies are applied while working on the Enterprise Content Management team</li></ul> <div>Java Javascript Google Cloud Platform Kubernetes Serverless Functions Gitlab DocuSign Box JIRA</div>
August 2019 January 2019	<b>Full Stack Developer - ATB FINANCIAL</b> <ul style="list-style-type: none"><li>Mentored a team of 10 people using agile practices to solve a business case problem</li><li>Migrated microservices from IBM Bluemix to Google Cloud Platform</li><li>Worked on the frontend and backend for ATB's new online banking website for business customers</li></ul> <div>React Redux Express.js Google Cloud Platform Docker Kubernetes Jenkins Java Python JIRA</div>
August 2018 May 2018	<b>ATB 101 Developer - ATB FINANCIAL</b> <ul style="list-style-type: none"><li>Worked on UI and backend for ATB's new online banking website for business customers</li><li>Winning team for the "Capstone Project". It is a case competition-like format, but lasts 4 months and each team of 10 tackled different problems. More info : <a href="https://atb.com/company/careers/atb-101">atb.com/company/careers/atb-101</a></li></ul> <div>React Redux Express.js Docker Bluemix JIRA</div>

## PROJECTS

<b>RUSTY CONNECT 4</b> <a href="https://github.com/Arunscape/ECE421-GroupProject1">github.com/Arunscape/ECE421-GroupProject1</a> Full stack multiplayer online game written in Rust and WebAssembly <div>Rust WebAssembly MongoDB Docker</div>	2020
<b>ARDUINO CHESS GAME</b> <a href="https://github.com/bojotamara/arduino-chess-game">github.com/bojotamara/arduino-chess-game</a> Simple player vs. player chess game which runs on an Arduino Players share a tiny screen and control their pieces with joysticks <div>C++</div>	2018
<b>GALLERY IN THREE.JS</b> <a href="https://github.com/Arunscape/Gallery-In-Three.js-HackED-Beta-2017">github.com/Arunscape/Gallery-In-Three.js-HackED-Beta-2017</a> Winner in category : "Best Web/Data Hack" A 3-D Hallway of GIFS that you can walk through. Written at a hackathon organized by the U of A Computer Engineering Club <div>Three.js</div>	2017

## EDUCATION

2021 2016	<b>University of Alberta - Computer Software Engineering Co-op</b> <ul style="list-style-type: none"><li>20 Months Co-op experience</li><li>3.7/4.0 GPA</li></ul> <div>Rust C++ C Assembly Embedded Systems Arduino Java Android Python MATLAB CommonLisp OpenMP MPI Scala Spark Hadoop OpenStack Golang</div>
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