

SHIVAM GROVER

CONTACT

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EDUCATION

MEMORIAL UNIVERSITY OF NEWFOUNDLAND (SEP 2020 - PRESENT)

BSc. Joint Majors in Computer Science
and Applied Mathematics

- G.P.A: 3.75/4
- IUAA Scholarship (2020 - 2021)
- Dean's List (2020-2021, 2021-2022)

PROGRAMMING LANGUAGES

- JAVA
- HTML, CSS, BOOTSTRAP, JAVASCRIPT
- PYTHON
- C/C++

SKILLS

- OOP
- MYSQL
- POSTGRESQL
- SELENIUM
- UNIT TESTING
- LAMP STACK
- AWS
- NODE.JS
- DATA STRUCTURES AND ALGORITHMS
- VS CODE
- PYCHARM
- GIT and GITHUB

CERTIFICATES AND CONFERENCES

- AWS - BUILDING A CLOUD CAREER (AUG 16, 2022)
- AWS - AWESOME DAY CONFERENCE (JUNE 09, 2022)
- SOLOLEARN - CSS (JUL 04, 2022)
- SOLOLEARN - HTML (JUN 20, 2022)

OPERATING SYSTEMS

- LINUX (MANJARO, UBUNTU)
- WINDOWS
- ANDROID

ABOUT ME

I am a budding programmer, who is keen to learn new technologies, develop software modules through the use of modern programming languages and follow an efficient and pragmatic approach towards solving real-world problems.

WORK EXPERIENCE

Embedded Software Intern | Triton Electric Vehical LLC (July 2021 - June 2022):

- Worked as a part of the team on GEVCU for EVs.
- Built a Linux image using the Yocto Project and simulated with qemu on x86 architecture.
- Regularly Managed and updated the company's website with new products, announcements, etc.
- Prepared documentation of various tasks.

Research Assistant | Memorial University of Newfoundland (May 2022 - Present):

- Modeled Transmission Dynamics for MonkeyPox Disease.
- Proved that the model satisfies the well-posedness property and positivity of solutions.
- Proved existence of Disease Free, Endemic Equilibrium Points
- Created various numerical simulations representing the model using MATLAB.

PERSONAL PROJECTS:

- **Sales Forecast with Time Series Data (SEP 2022)** - visualized time series data, did sales forecast using ARIMA model, compared model-based forecasts with actual sales data, did exploratory analysis of the data, visualized trends using Prophet
Programming Languages & Technology Used - Python, ARIMA, Prophet
- **Menu Driven Banking Simulator (SEP 2022)** - an object-oriented menu-driven application simulating an ATM machine. Users can check their account balance, and deposit/withdraw money, etc by choosing an appropriate option from the main GUI menu.
Programming Languages & Technology Used - Java, JavaSwing
- **Cosmic Dance School (Aug 2022)** - A website that can be used by a dance school. The endpoints of the website are implemented in the pug templating engine and styling is done with CSS.
Programming Languages & Technology Used - Pug, CSS, Node.js
- **Food Court (Aug 2022)** - A static website that can be used by a restaurant or a the company operating an online food ordering and food delivery platform.
Programming Languages & Technology Used - HTML, CSS
Link: <https://ren-cosmos.github.io/Online-Food-Ordering/>
- **Neighboring Disaster (Jan 2022)** - Neighbouring disaster is an interactive application game played between two players. Each player is assigned a specific color (Red/Blue). The player who chooses its neighboring square loses the game.
Programming Languages & Technology Used - Java, JavaSwing