Mac Burton

Cheerful, motivated, new graduate eager to enter the game development industry. I always love having new projects to keep myself busy. Between game jams, musical performances, cooking, and trading card games, I have many outlets to express my creative ideas and problem-solving abilities.

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https://limemonkeys.itch.io/

https://github.com/limemonkeys

https://stackoverflow.com/users/14095522/lime

Education:

Dalhousie University
Sept '18 – Sept '23

Bachelor of Computer Science with Co-op

Certificate of User Experience Design and Evaluation

Hard Skills:

Languages
C, C#, Java, Python, HTML, CSS, JavaScript, PHP, Kotlin, XML, R

Operating Systems
Windows, macOS, Linux (Red Hat)

Libraries
React, BeautifulSoup4, JSoup, JFrame

Database
MySQL, SQuirreL, Firebase

DevOps
Docker, Jenkins

Version Control
Git, SVN, Unity Collab

Build Automation
Apache, Gradle, Make

Employment Experience:

Canadian Army Reserve   Jun '19 - Present

- Corporal Musician and Safety 2IC for 36 CBG Band
- Contribute musical accompaniment to military ceremonies and performances to the public.
- Attended Canadian Forces School of Music at Canadian Forces Base Borden in Ontario.
- Provided general in-house IT assistance to CAF members on full time summer employment contract.

Lockheed Martin   May '20 – Dec '20, Jan '22 – Apr '22

- Created java software based on user stories derived from shareholder's warship expectations.
- Supported continuous integration using SVN, Jenkins, Redmine.
- Worked as a team using Agile methodologies participating in sprint planning, sprint reviews, daily standups.

Game Jams:

LSDJAM 2023	Present – Feb '24
Global Game Jam	Feb '23
Ubisoft's Choice Award	
IndieCade Greenlight Jam	Jun '22
1st Place in Best Plan for Diversifiers	
Atlantic Game Jam	Feb '22
3rd Place Overall	
1st Place in Mechanics	
Jame Gam #15	Jan '22
Low Effort Jam 18	Jan '22
Secret Santa Jam	Dec '21
Low Effort Jam 16	Nov '21

Project Management
Jira, Redmine, Trello

Cybersecurity
VirtualBox, Wireshark

Design Tools
Blender, Figma

Text Editors
Emacs, Sublime Text, Vi

IDEs
Android Studio, Visual Studio Code, Eclipse, IntelliJ, PyCharm, MBed Studio

Software Testing
Unit, Integration, Regression, Acceptance, White/Black Box Testing

Methodologies
Agile, Scrum, Kanban, Waterfall

Soft Skills:

Adaptability

Attention to Detail

Communication

Conflict Resolution

Creativity

Design

Leadership

Problem Solving

Time Management

Technical Projects:

Art Gallery App for the Visually Impaired Jan '23 – Apr '23

- Designed a mobile application which provided information about art pieces to the visually impaired.
- Planned, prototyped, and created physical product utilizing an NFC chip in a 3D-printed exhibit label.

Battlesnake Tournament   January '23

- Semi-finalist
- Designed and implemented competitive AI using JavaScript

Dalhousie Fitness Hall App   Jul '21

- Independently programmed, published, and updated a 5-star reviewed app on the Google Play Store
- Implemented and automated data scraping from the Dalplex website by running background processes
- Notified users when a desired timeslot was made available

Extracurriculars:

Loaded Ladle   Sept '22 – Present

- Kitchen Volunteer
- Planned, prepared, and served complimentary meals for over 300 members of the student body each day .

Dalhousie Trading Card Game Society   Sept '19 – May '23

- President and Founder
- Attended and engaged in Primary Event Organizer training.
- Researched, wrote, and presented weekly topics related to various aspects of trading card games.

Scholarships and Awards:

Canadian Army Corporal Promotion   Apr '23
Loaded Ladle Feature Volunteer   Apr '23
Dalhousie Sexton Scholar   Aug '21
Lockheed Martin Thanks Award   Aug '20
G. H. Campbell Memorial Entrance Scholarship   Sept '18