

Christopher Gregorian

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Skills

PYTHON, JAVASCRIPT (INCL. NODE), HTML/CSS, C++, JAVA
GIT, BASH, SQL/NOSQL, WORDPRESS, UNITY, SFML

Education

University of Waterloo

CANDIDATE FOR A B.A.Sc. IN SYSTEMS DESIGN ENGINEERING (1A)

Experience

Hearts Together For Haiti

July 2016 - present

WEB DEVELOPER AND DESIGNER

- Designed responsive multi-page websites for charities and non-profits.
- Deployed WordPress templates and systems for easy management and updating.
- Optimized user flow to maximize donations and engagement.

Icebreaker Media

July 2015 - January 2016

DEVELOPER AND MEDIA CONSULTANT

- Designed and maintained modern, full-featured websites for clients.
- Managed web presence and social media accounts for small businesses.
- Created promotional plans for various distribution channels.

Projects

MedSync

PennApps XII

ONLINE PRESCRIPTION MANAGEMENT SYSTEM

- Combined datasets from multiple APIs to display relevant information on Android and in the browser.
- Developed NoSQL database schemas to represent three types of users and their interactions.
- Maintained a consistent visual identity between web and mobile interfaces to comply with Google's Material Design.

Life.JS

MHacks V

REAL-TIME MULTIPLAYER CELLULAR AUTOMATA

- Used sockets to update 30+ user instances simultaneously in the browser.
- Optimized cell evolution to minimize bidirectional latency to <30ms and maintain game integrity between instances.

Raveforms

MICROPHONE AUDIO VISUALIZER

- Used C++ to extract raw samples from a low-level audio interface.
- Applied Fourier Transforms to analyze sound samples from data.

Activities

MasseyHacks

December 2015 - May 2016

DIRECTOR OF CREATIVITY

- Worked with a team of 14 students over 6 months to organize Canada's first MLH-sponsored high school hackathon.
- Created promotional materials for web and print to market the event throughout the province.
- Managed event and activity details on a macro- and microscopic level to create an optimal experience for 200+ attendees.

OTHER: DEBATE (EXEC), DECA (VP), MODEL UN (VP), TARGET ALPHA (PRESIDENT), TUTORING, DRUM CORPS

Awards & Certifications

Valedictorian, Hon. Vincent Massey Secondary School (450+ graduates)

SHAD Fellow and Ambassador, SHAD Carleton

National Scholarship recipient, University of Waterloo (unredeemed)

Four-time Top Individual Speaker, Richard Peddie Debate Competition

Two-time ICDC Qualifier, DECA Provincials

B2 Certification, Diplôme d'Études en Langue Française