Chris Warren

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**BSc Computer Science,
Minor in Music**

Python	●●●●●
Java	●●●●○
HTML/CSS	●●●●○
C#	●●●●○
Unity	●●●●○
JavaScript	●●●○○
PostgreSQL	●●○○○

Machine learning

Algorithm analysis

Graphics

Signal processing

Music production

EMPLOYMENT OBJECTIVE

I am seeking a position in game development with a dynamic team-oriented company where I can continue to learn and become a better software developer.

SKILLS

Programming: readable, efficient, scalable code
Algorithms: analysis, design, evaluation
Data mining: classification, regression, clustering, dimension reduction
Graphics: modelling, animation, rendering (raytracing and shaders)
Music information retrieval: signal processing, machine learning,
Databases: normalization, design, implementation
Human computer interaction: design and evaluation of interfaces
Interpersonal: teamwork, customer service, client relations
Problem-solving: analysis, creative solutions, troubleshooting
Business: project management, decision support, marketing
Communication: SOPs, documentation, meetings, presentations

PROJECTS

Open-Synth
Developed a motion controlled 'e-theremin' using object tracking to convert positional data into frequency/amplitude data that is fed real-time into a synthesizer.

Stock Market Prediction
Designed a model that gauges public sentiment towards companies based on reddit posts. Data was compiled into a time series dataset used in a machine learning model to predict future stock prices.

Shinobi Run
A mobile game that I am developing in Unity as a challenge to get a game to production as fast as possible.

WORK EXPERIENCE

Stats Canada (June – August 2021)
Census 2021 Enumerator

AML Oceanographic, Web Designer/Developer
(September 2018 – April 2019)

Reporting to the marketing manager, responsible for managing web development and maintenance to support the sales and growth of the company:
- Performed Webmaster duties
- Maintained/Developed WordPress website
- Problem solving and debugging/troubleshooting website
- Developed Google Ads marketing campaign
- Developed website contact system, email-based marketing framework and automated user-data collection of blog subscribers
- Developed system for accessible performance metrics through Google Analytics
- Created and improved documentation to support handoff of web maintenance.
- Point of point contact for all web-related issues, changes and improvements
- Recommended improvements for SEO and performance

Labour Positions

Arbutus Exteriors, Labourer (May 2018 – August 2018)
Victoria Student Painters, Production Manager/Painter (May 2017 – August 2017)
Student Works Painting, Painter (June 2016 – September 2016)
- Lead team
- Manage own time to stay on budget
- Achieved required work as quickly as possible while ensuring quality

Retail Positions

Petro Canada, Gas attendant (June 2014 – October 2015)
Larsen's Music, Service Associate (August 2014 – September 2014)
Thrifty's Foods, Grocery Associate (June 2013 – October 2013)
- Manage inventory, operate independently, provide customer service

REFERENCES
Available on request