**Dean's Webpage**

[**DeanCorporation**](http://docs.google.com/index.html)

* [Home](#gjdgxs)
* [About](#30j0zll)
* [Overview](#1fob9te)
* [Career](#3znysh7)
* [Dream Job](#2et92p0)
* [Post Secondary](#tyjcwt)

Welcome to Dean's Webpage

## Delivering great codes for more then 3 months!

[My Overview](#1fob9te) [My Career](#3znysh7)



Why is Dean Wu such a good coder?

Below explains why Dean is such a good coder.

* Cool socialable man
* Has name called Dean
* Won Game Maker contest

These are all mandatory talents that a coder must require.

Overview

My Favourite Things

* All
* Anime
* Food
* Games



[Kuroko No Basket](https://myanimelist.net/anime/11771/Kuroko_no_Basket)#1

One of the all time greatest basketball anime in history



[Genshin Impact](https://genshin.hoyoverse.com/en/)#1

Perhaps the greatest anime game in existence



[Weathering With You](https://myanimelist.net/anime/38826/Tenki_no_Ko)#2

One of the best graphically designed love anime in anime history



[Steak](https://natashaskitchen.com/pan-seared-steak/)#1

Who doesn't like steak?



[Osu!](https://osu.ppy.sh/home)#2

A rhythm game so intensive that playing an actual instrument is easier



[I Want To Eat Your Pancreas](https://myanimelist.net/anime/36098/Kimi_no_Suizou_wo_Tabetai)#3

An anime so sad that it almost made me shed a tear



[Ramen](https://www.kintonramen.com)#2

A Japanese noodle soup, with a combination of a rich flavoured broth, one of a variety of types of noodle and a selection of meats or vegetables, often topped with a boiled egg.



[Ice Cream](https://en.wikipedia.org/wiki/Ice_cream)#3

You can never have enough ice cream in your life



[Red Dead Redemption 2](https://www.rockstargames.com/reddeadredemption2/restricted-content/agegate/form?redirect=https://www.rockstargames.com/reddeadredemption2/&options&locale=en_us)#3

The most detailed game ever made

Jobs

The Careers

* [Senior Audio Programmer](#3dy6vkm)
* [Hardware Design Engineer](#1t3h5sf)
* [R&D Research Scientist - Quantum Computer Characterization](#4d34og8)

[**Senior Audio Programmer**](https://jobcanada24h.com/pt/senior-audio-programmer-job85428?utm_campaign=google_jobs_apply&utm_source=google_jobs_apply&utm_medium=organic)

* Develop, implement, and maintain systems that manage and enhance audio playback
* Understand gameplay code and facilitate the integration of audio systems and triggers
* Analyze sound playback and work with audio designers to improve the overall audio experience
* Participate in the design process and be available to designers to answer questions about audio implementation
* Create and maintain systems for audio voice monitoring, management, and debugging
* Work with QA to support and plan testing of sound

#### **Qualifications :**

* 5+ years professional software development skills
* Excellent C++ coding and debugging skills with experience in code optimization
* Familiar with audio concepts (DSP, FFT, streaming, etc.) and middleware (Wwise, Fmod, etc.)
* Interest in working on various audio related tasks, including research and development of proprietary tools
* Ability to function effectively in a team environment, while prioritizing your own workload

#### **Location**: Montreal

#### **Where to get degree for job**: University of Waterloo

#### **Salary**: Unknown



[**Hardware Design Engineer**](https://ca.indeed.com/cmp/Mespere-Lifesciences-Inc.-2/jobs?jk=ee980cc442e7aaa1&start=0&clearPrefilter=1)

* Design analog front end signal conditioning circuits to prepare an analog input for digitization
* Programming of FPGAs or microcontrollers to collect/organize data from various ICs/sensors via any manner of serial/parallel communication protocols (e.g., SPI, I2C, USB, 8b10b) and disseminate that data in a multitude of ways (e.g., serial outputs such as USB, UART, NRZL, biphase)
* Perform hands-on test and debug of circuitry
* Develop documentation of a given design and give technical presentations to peers/managers
* Design and develop specific manufacturing design requirements (i.e., PC board material, trace impedances, routing requirements, PC board stack-up, etc) and oversight of the manufacturing of PC boards
* Create software allowing customers to configure or download data from our embedded instrumentation systems, and view and analyze that data in novel ways
* Develop a system-level understanding of the collected data and support for anomaly resolution
* Bachelor's degree and Master's degree in Electrical Engineering, Computer Engineering or a relevant STEM discipline, or equivalent combination of relevant education and experience
* Five years' engineering or scientific experience that demonstrates the knowledge, skills, and ability to perform independent research and development
* Ability to travel
* Ability to acquire and maintain a U.S. DOE Q-level security clearance

### **Location**: Waterloo

### **Where to get degree for job**: University of Waterloo

### **Salary**: $113,500 - $223,500



[**R&D Research Scientist - Quantum Computer Characterization**](https://jobs.acm.org/job/rd-research-scientist-quantum-computer-characterization/65179117/)

* Work with a team developing new methods to assess and improve the performance of quantum computers
* Interact and collaborate with a diverse set of experimentalists and other theorists at Sandia, academic institutions, other national labs, and private companies
* Take ownership of technical projects, publish outstanding new developments in peer-reviewed scientific journals, and present your work at conferences
* Gain broad experience in and lead QIS programs across the US Government enterprise
* Work with export control materials
* A PhD in Physics, Computer Science, Electrical Engineering, Mathematics, Chemistry, or a related science or engineering field
* Record of research as demonstrated by publications in peer-reviewed journals, competitive conference proceedings, or high-impact program deliverables
* Experience in Quantum Information Science-related research outside of Ph.D.
* Proficiency in Python software development, code verification, and modern software quality practices
* Demonstrated experience applying machine learning to scientific research problems
* Experience turning math into code

#### **Location**: Livermore, California, United States

#### **Where to get degree for job**: University of Waterloo

#### **Salary**: $113,500 - $223,500



A Dream

Dream Job



Game Developer

I want to become a game developer because it seems like an interesting job and it would be pretty fun to code whatever you want into the game.

* Unfortunately this job doesn't pay as well as other CS jobs.
* Another downside of this job is that it is really stressful due to a certain deadline
* Ultimately this job isn't for me as there are much better options in CS. But if the pay was higher and it was less stressful then I would have definately went into it without a second thought

Universities

Post Secondary



University of Waterloo

Computer Science Degree

Location: 200 University Ave W, Waterloo, ON N2L 3G1

* Founded: July 1, 1957
* One of the most prestigious in Canada

Required Courses:

* Advanced Functions
* Calculus and Vectors
* Any Grade 12 U English
* One other 4U course



McMaster University

Computer Science Degree

Location: 1280 Main St W, Hamilton, ON L8S 4L8

* Founded: April 23, 1887
* Opened in Toronto in 1890 and moved to Hamilton in 1930

Required Courses:

* ENG4U
* MCV4U
* Two of SBI4U, SCH4U, SPH4U, SES4U, ICS4U or TEJ4M



Western University

Computer Science Degree

Location: 1151 Richmond St, London, ON N6A 3K7<

* Founded: March 7, 1878
* Famous for being one of Canada's largest research-intensive universities

Required Courses:

* Grade12 English (ENG4U)
* Grade12 Calculus and Vectors
* Two of: Advanced Functions (MHF4U), Math of Data Management (MDM4U), Physics (SPH4U), Earth and Space Sciences (SES4U), Computer and Information Science (ICS4U).

DeanCorporation

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