Edward Penta

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# SKILLS

|  |  |
| --- | --- |
| Web Development | HTML CSS Javascript PHP Node.JS |
| Java | Java KOTLIN Android LibGDX |
| C# | ASP.NET C# OpenTK .NET |
| C | C C++ Objective-C OpenGL |
| Database Management  MACHINE LEARNING | SQL MySQL SQLite MONGO  TENSORFLOW DEEPLEARNING4j JENETICS |

# fa-mortar-boardEDUCATION

## Wentworth Institute of Technology 2014 — 2018

Computer Science, Bachelor

# fa-buildingEMPLOYMENT

## Cyber software engineer co-op, [raytheon](http://www.raytheon.com/) December 2016 — present

Programmed and unit tested applications used for cyber security

* Programmed in Perl/C#/ASP.NET/HTML/CSS/Bash
* Made unit tests using WebDriver
* Setup secure VMs for Windows Server/Linux

## Lead Instructor, [iD Tech Camps](https://www.idtech.com/) May 2016 — Aug 2016

Educated children (age 12-17) in Arduino, Java, Unity, and Unreal Engine 4

* Taught and supervised 8 children once per week

# Projects

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| Sharp2D 2014 – 2016   * Built C# library adapted for making games * OpenTK used for OpenGL bindings | Project Ghost 2015 – Present   * Managed team for Java based multiplayer game. * Netty.io for networking over TCP, OpenGL for client |
| Surround April 2015   * Prototype of Mobile App for music location tracking * Made in 24 hours at HackUMass 2015 * Won finalist spot and “Best use of Google APIs” | **Xplore** February 2015   * Developed backend of site using Node.JS and Javascript * Made in 12 hours at GenTech Hackathon 2015 |
| Taskbar Rave | *Computer Science II*  2015   * Built C program that analysis music and pulses taskbar in Windows | **CryptoTrader** June 2017   * Built Java program to trade cryptocurrencies using machine learning algorithms/frameworks |