**Collin Smith**

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**Education**

**Master of Science in Computer Science Candidate**, Northeastern University Seattle, WA 2018-present

Expected Graduation Summer 2020

**ALIGN Program**, Northeastern University Seattle, WA 2017-2018

**Ranger Leadership School US Army**, Ft. Benning GA 2009

**Airborne School US Army**, Ft. Benning GA 2007

**Bachelor of Science in Agribusiness**, Washington State University, Pullman, WA 1996-2000

**Associate of Applied Science in Botany/Tree Fruit Production**, Wenatchee Valley College, WA 1994-1996

**Technical Knowledge**

Languages: Javascript, HTML, CSS, Java, C, Python

Tools: Ulfius, Jansson, Flask, SQLAlchemy, Gson, Apache HTTP, Jquery

Systems: Windows, Ubuntu 16.04, Arduino

**Academic Projects**

[Spamfilter](https://github.com/Attonasi/spamfiler), Northeastern University, Seattle, WA Fall 2018

Individual Machine Learning project

* Coded in C
* Implements Naïve-Bayes training a library from labeled data and tested against a test set

[Tic Tac Toe](https://github.ccs.neu.edu/buckjoe/smithcolin_sp18/tree/master/final_project), Northeastern University, Seattle, WA Spring 2018

Individual project

* Built a Java REST client that allowed a player to play a computer.
* The computer was a REST server with 2 endpoints written in C and housed in a Docker instance.
* The game used stateless transfer and the server/computer never loses.

[Huffman Encoding](https://github.ccs.neu.edu/CS5002SEAF17/smithcolin/tree/master/quiz8), Northeastern University, Seattle, WA Fall 2017

* Coded in C a text-file compression algorithm.

[Library API and Client](https://bitbucket.org/msdteam2/), Northeastern University, Seattle, WA Summer 2018

Team Python Book service API, Javascript/Html Web Application.

* The API uses Python Flask to create a rest service and SQAlchemy to manage the database
* Client is an HTML/CSS/JS app that connects to an API created by another team.

**Experience**

Founder Blewett Pass Farms, Peshastin, WA 2013-2016

* Managed 15 full time employees and additional 15 seasonal workers.

Washington National Guard, Seattle, WA 2011-2013

* Served in 2012 Unit Training in Yakima, WA
* Fitness Excellence award 2013

Patented Assault Ladder with four claims, Tacoma, WA 2011

US Army, Joint Base Lewis-McChord, WA 2007-2011

2nd Battalion 75th Ranger Regiment

* Deployed three times – Iraq (1 deployment), Afghanistan (3 deployments)
* Completed over 200 direct action missions
* TS/SCI clearance
* Team Leader and Special unit attachment on 3rd and 4th Deployment
* Signed for over 2 million dollars’ worth of equipment on 4th deployment

**Volunteer Work**

* Volunteer Soccer/Wrestling coach Cascade High School
* Taught Self Defense at Washington State University
* Helped Habitat for Humanity build 2 houses.