

Steven Schwarz | Resume

845-475-2269 | sschwarz250@gmail.com

Github: <https://github.com/sschwarz6042> | Website: <https://www.steven-schwarz.com>

Objective

To obtain a full-time position in software engineering. I'm interested in a position in computer science that utilizes my programming skills.

Skills & Abilities

C#, WPF, Xamarin, ASP.NET, Python, Flask, HTML, CSS, JavaScript, SQL, Java, Matlab, C, C++, MIPS Assembler, Verilog, Linux

Education

Penn State University — B.S. in Software Engineering

2.91 Overall GPA

Dean's List Fall & Spring 2019-20

3.43 GPA in SWENG Courses

3.2 GPA in CMPSC and SWENG Courses

Courses

SWENG 480 - Senior Project - Worked with a customer to design a program that helps users visualize government finance data. TaxMe is a program that lets users view data from the IRS.Gov website and create their own tax plans and government budgets. Users can see the effects of their proposed policies and see how they compare to existing policies. The program can also generate tax plans to meet a budget, a budget to meet existing revenue, and a plan to reduce national debt.

SWENG 421 - Design Patterns - Created a shipping manager program that uses the factory, composite, dynamic linkage, state, and read/write lock design patterns.

SWENG 452 - RTOS embedded project - Designed an IRC server that runs on a Raspberry Pi

SWENG 411 - project to compare online book prices to find best price

CMPSC 461 - Programming Language Concepts - did lexical analysis

CMPEN 270 - Digital Computer Design - Wrote VHDL for a Pong Game machine

CMPSC 360 - Discrete Math -RSA Encryption/Decryption Program

CMPSC 451 - Numerical Methods - Solving Roots, Matrices, ODEs, using Matlab

CMPEN 461 - Communication Networks - Inspected packets on the Internet

CMPSC 221 - Java Web-Based Programming - GUIs and SQL databases -designed airline booking application into SQL database with GUI

Experience

Delivery/Warehouse Assistant — Lightning Express Inc., Modena, NY

Summer 2017, 2018, 2019, 2020

Joe Fitzpatrick - Owner - 914-755-7507 - lightningjoefitz@gmail.com