Joe Pires

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EDUCATION

UNIVERSITY OF PENNSYLVANIA
BSE in Computer Science,
Political Science
Minor - Linguistics
Expected May 2019 | Philadelphia, PA
Dean's List (2015-2016 Academic Year)
GPA: 3.43 / 4.0

MASUK HIGH SCHOOL
Grad. June 2015 | Monroe, CT
GPA: 3.9 / 4.0

LANGUAGES

FLUENT
English
INTERMEDIATE
Spanish • German

COURSEWORK

UNDERGRADUATE
Programming Languages and Techniques
Data Structures and Algorithms
Computer Organization and Design
Intro to Networks and Security
Artificial Intelligence (Fall 2017)
Operating Systems (Fall 2017)

SKILLS

PROGRAMMING
Proficient:
Java • C • C++ • Python
LaTeX • Unix/Linux
Intermediate:
CSS • HTML • JavaScript • OCaml
Wolfram Mathematica
Basic:
iOS • Android

ACTIVITIES

INTERNATIONAL AFFAIRS ASSOCIATION
Member - 2015-Present
THE DAILY PENNSYLVANIAN
Staff Writer - Fall 2015 and Fall 2016
PENN DEMS
Member - 2015-2016

EXPERIENCE

UNIVERSITY OF PENNSYLVANIA, PERELMAN QUADRANGLE |
Front Desk Staff
April 2016 – Present | Philadelphia, PA
- Assist visitors at Houston Hall and the ARCH Building at the University of Pennsylvania with questions and directions

ACTION | Instructor
August 2015 – December 2015 | Philadelphia, PA
- Instructed Spanish to elementary schoolchildren in West Philadelphia
- Worked with teams to develop lesson plans for the schoolchildren

THE STONE BARN | Kitchen Staff
September 2014 – Present | Monroe, CT
- Collaborated on the set up and clean up for parties and other special events with up to 250 people per event
- Helped in the food preparation and cooking for parties and special events

PROJECTS

LEGALESE FIXER Spring 2017
- Program that translates, spellchecks, and simplifies legal documents to increase readability.
- Written in Python.

WIKIPEDIA GAME Fall 2016
- Using graphs and graph-based algorithms, create a version of the Wikipedia Game.
- Written in Java.
- Originally a project for CIS 121.

MATHEMATICAL RELATIONS LIBRARY Summer 2016
- Series of programs to create, manipulate, and analyze mathematical relations.
- Written in Python.

JAVA GALAGA Spring 2016
- Port of the 1981 game Galaga.
- Written in Java.
- Originally the final project for CIS 120