

Joe Pires

seas.upenn.edu/~piresjo | github.com/piresjo | linkedin.com/in/joe-pires-8b039b106/
piresjo@seas.upenn.edu | 203-581-3360

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: 3.23 / 4.0

COURSEWORK

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

SKILLS

PROGRAMMING

Proficient

Java • C • C++ • Python

LaTeX • Unix

Intermediate

CSS • HTML • JavaScript • OCaml

Mathematica • Git • PHP • Verilog

Basic

Ruby • Go • SQL

ACTIVITIES

PENN BAND

Trombonist - 2017-Present

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 DIGITAL SCHOLARSHIP PROGRAM | SOFTWARE DEVELOPER

September 2017 – Present | Philadelphia, PA

- Worked with the University of Pennsylvania Digital Scholarship Program to help design and edit software for various classes and departments at the University of Pennsylvania.

UNIVERSITY OF PENNSYLVANIA DIGITAL SCHOLARSHIP PROGRAM | DEVOPS INTERN

May 2017 – August 2017 | Philadelphia, PA

- Increased functionality in and helped redesigned Scalar, including adding automatic PDF conversion, automatic generation of books for journals, and facilitating peer reviews.
- Improved functionality in the Open Richly Annotated Cuneiform Corpus (ORACC), including adding a user registration feature, improving server functionality, and adding features used in the GUI for ORACC.
- Refactored and made minor changes to other software projects.

UNIVERSITY OF PENNSYLVANIA, PERELMAN QUADRANGLE | FRONT DESK STAFF

April 2016 – Present | Philadelphia, PA

- Assisted 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

- Worked with a team of volunteers to teach Spanish to schoolchildren in West Philadelphia.

THE STONE BARN | KITCHEN STAFF

September 2014 – January 2017 | Monroe, CT

- Collaborated on the set up, food preparation, and clean up for parties and other special events with up to 250 people per event.

PROJECTS

NUMGO Summer 2017

- A port of Python's NumPy in Go.

TWITTER BOTS Summer 2017

- A bot that analyzes sentimentality in tweets, and an interactive checkers game. Written in Python.

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.

JAVA GALAGA Spring 2016

- Port of the 1981 game Galaga. Written in Java.