

Joe Pires

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EDUCATION

UNIVERSITY OF PENNSYLVANIA
BA IN POLITICAL SCIENCE
MINOR - COMPUTER INFORMATION SCIENCE
Expected May 2019 | Philadelphia, PA
Dean's List (2015-2016 Academic Year)
Member - Pi Sigma Alpha Honor Society
GPA: 3.45 / 4.0

COURSEWORK

Programming Languages and Techniques
Data Structures and Algorithms
Computer Organization and Design
Intro to Networks and Security
Operating Systems
Artificial Intelligence
Machine Learning

SKILLS

PROGRAMMING

Proficient

Java • C • Git • JavaScript • Python

LaTeX • Unix

Intermediate

CSS • HTML • C++ • OCaml

Mathematica • PHP • Verilog

Ruby

Basic

C# • 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

AMAZON | SOFTWARE DEVELOPMENT ENGINEER

July 2019 - June 2020 | Santa Clara, CA

- Worked with the Alexa Reminders team to develop new reminders features for customers.
- Helped with the reminders portion of Alexa's Brazilian launch.
- Fixed customer-affecting bugs for greater customer satisfaction.

AMAZON | SOFTWARE DEVELOPMENT ENGINEERING INTERN

May 2018 - August 2018 | Santa Clara, CA

- Worked with the Alexa Alarms team to develop a new feature for Alexa.
- Worked on the backend of the Alexa service and the Alexa mobile companion app to develop the feature.

UNIVERSITY OF PENNSYLVANIA DIGITAL SCHOLARSHIP PROGRAM | DIGITAL PROJECTS ASSISTANT

September 2017 - May 2019 | 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 - May 2019 | 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.

SOME PROJECTS (MORE ON GITHUB)

PAC MAN GB Spring 2019/2020

- Using GBDK, create a more playable Game Boy port of Pac-Man.

TWITTER BOTS Summer 2017

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