

Paul Chesnais

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EXPERTISE

PROGRAMMING

Industry experience:

Scala • MySQL • Redis • Ruby • S3

Academic experience:

Python • Java • L^AT_EX • OCaml •

MATLAB • Golang • C • PostgreSQL

Significant exposure:

JavaScript/Node • Akka

COMMUNICATION

Native:

French

Fluent:

English

Desire to learn:

Portuguese

COURSEWORK

COMPLETED CS CLASSES

Discrete Mathematics • Systems

Programming • Data Structures and

Functional Programming • Analysis of

Algorithms • UNIX Tools • Operating

Systems • Artificial Intelligence •

Practicum in Artificial Intelligence •

Databases • System Security •

Practicum in System Security

EDUCATION

CORNELL UNIVERSITY | COLLEGE OF ENGINEERING

Pursuing BSc in Computer Science

LYCÉE FRANÇAIS DE NEW YORK | 5TH THROUGH 12TH GRADE

BFA (French American Baccalaureate) in Scientific Series

WORK EXPERIENCE

IFTTT, INC. (RUNTIME & PLATFORM) | SOFTWARE ENGINEERING INTERN

June 2016 - January 2017 | San Francisco, CA

- Rewrote the Activity Feed using Scala, Kinesis, Redis and S3 to process all events that happen at runtime (dozens of millions of events per day).

FIREPUB, INC (GAME DATA MANAGEMENT) | SOFTWARE ENGINEERING INTERN

July 2014 - August 2014 & June 2015 - July 2015 | Mansfield, MA

- Designed endpoint to Esper Complex Event Processing Engine
- Implemented Login auditing for bruteforce attack prevention
- ...
- Designed new Server API for easier sorting and grouping of lobbies
- Implemented Concurrent User metric gathering utility to measure Server load and track User activity
- Restructured Document Version API to improve customer interface

THE REAL PELÉ (WEBSERIES) | SOCIAL MEDIA MANAGEMENT & ASSISTANT DIRECTOR

June 2014 | São Paulo, Brazil

- Handled all submissions to social media regarding news and episodes
- Cut and selected raw footage for episode editing
- Solved issues arising during filming out in the field

CORNELL TECHNOLOGY CONNECTION (RETAIL) | SALES REPRESENTATIVE & IT DESK

Since September 2013 | Ithaca, NY

- Handling of all sales in department
- Management and training of incoming employees
- Part time technician at Cornell IT Helpdesk

OTHER

HOBBIES | PERSONAL ACTIVITIES

I am involved in multiple activities outside of class, including **Music**: I regularly practice drumming, occasionally with friends in an improvisational jazz ensemble. **Flight**: Over the past few summers I have been working towards completing my pilot's license to fly gliders. I have two thirds of the required number of landings, including multiple solo flights.

CITIZENSHIP

Currently a permanent American resident

