Xavier O'Neil
xoneil12@gmail.com • github.com/datamadic

SUMMARY OF QUALIFICATIONS

- Experience building a sophisticated, finance-grade runtime
- Experience guiding all phases of development: planning through EOL
- Curious and willing to dig deep to thoroughly understand a problem

TECHNICAL EXPERIENCE

- Expert Daily Interaction With:
  - Performant modern multi-window JavaScript, Node, TypeScript, Git, Unix, Agile Development, TDD, OpenFin, PWA, Browser Extensions, Electron
- Occasional Professional Use:
  - React, Webpack, Kafka, Python, C#, C++ (mainly debugging), AWS, Jenkins, SQL, Docker, Kibana, Grafana
- Hobby
  - Clojure / ClojureScript, Machine Learning, k/q (kdb)

EXPERIENCE

Virtu, LA / Remote   **2020 - Present**

I currently work with POSIT Alert, Virtu's global anonymous block indications network, and Portal, Virtu's web based solution for analytics, execution and TCA

OpenFin, New York NY   **2014 - 2020**

As a Sr. Engineer and team lead I have had the opportunity to play many roles as the company has grown (and continues to grow) from 10 to nearly 70 employees. My primary responsibility has been crafting and implementing the public facing API (JS frontend to a fork of Electron / Chromium) and guiding the underlying architecture. Other responsibilities include: sprint planning, code review, release management, sales and client support, and interviewing new candidates.

Datamadic, San Diego CA / Middletown NJ   **2012 - 2014**

As the owner / engineer at my consultancy, I worked in the drilling and large scale construction industry designing and implementing full stack web and Android based systems to handle functions such as invoicing, budgeting, data entry, and financial reporting.

EDUCATION

California State University, San Marcos CA

Bachelor of Science degree in computer science
Emphasis in computer information systems

CONTINUING EDUCATION

- Machine Learning Foundations: A Case Study Approach (Coursera)
- Neural Networks and Deep Learning (Coursera)

SPEAKING

Clojure/north 2020 https://www.youtube.com/watch?v=tweX17BCgG8