

CHRISTIAN SHERLAND

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EDUCATION

The Cooper Union for the Advancement of Science and Art

2010 - 2014

Bachelor of Engineering, Electrical Engineering May 2014

Cumulative G.P.A. - 3.4/4.0

EXPERIENCE

Dow Jones, New York, NY

Software Engineer

Senior Software Engineer

Principal Software Engineer

June 2014 - July 2016

August 2016 - August 2017

September 2017 - Present

- Implemented REST APIs and web applications (node/react) for wsj.com
- Worked with technical leads from other teams within company to build shared services and application frameworks
- Lead technical direction for WSJ web team and created implementation plans that aligned with long term engineering initiatives as well as product release timelines
- Performed stress testing and performance audits on web pages and APIs to inform architectural and infrastructure decisions
- Served as scrum master on agile team and worked closely with WSJ Editorial staff and product/design team to create solutions based on product requirements
- Maintained and administered internal Github servers (hosted in AWS)

nRelate, New York, NY

Summer 2013

Software Engineering Intern

- Wrote unit tests for php based related content recommendation system
- Designed and implemented a REST API for a content recommendation widget
- Implemented stability features such as load balancing, system redundancy and redis-backed caching

PROJECTS

- Created an algorithm to remove excessive reverberation from audio signals for senior design project
- Built an iOS SAT preparation app in collaboration with a Cooper Union professor
- Implemented a fractal algorithm based terrain generator with OpenGL

TECHNOLOGIES

Languages: Javascript, Python, C, C++, Java, php, HTML/CSS