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

EXPERIENCE

One World, New York, NY

Software Engineer   **July 2018 - Present**

- Built CarrierConnect platform which connects One World alliance member airline systems to facilitate inter-airline check-in process and ancillary data exchange
- Created an API marketplace for One World member airlines to publish and share additional proprietary APIs with partners via CarrierConnect platform
- Architected high throughput, guaranteed delivery analytics system for API marketplace and CarrierConnect platform analytics
- Lead adoption of infrastructure as code principles using CloudFormation to defined app resources CI/CD pipeline
- Collaborated with member airline tech teams to reach consensus on standard for api data structures and behavior

Dow Jones, New York, NY

Principal Software Engineer   **September 2017 - July 2018**
Senior Software Engineer   **August 2016 - August 2017**
Software Engineer   **June 2014 - July 2016**

- Designed and implemented web applications (node/react) and REST APIs for The Wall Street Journal
- Collaborated with other technical leads in the company to build shared services and application frameworks
- Lead technical direction for The Wall Street Journal 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 team scrum master and worked closely with WSJ Editorial staff and product/design team to create solutions based on product requirements

TECHNOLOGIES

Languages: Javascript, Python, Java, C, Rust, HTML/CSS