RICK HANLON II

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University of Akron   *December 2011*
BS, Theoretical Mathematics; Minor, CS   *summa cum laude*

EXPERIENCE

SeatGeek   New York, NY
Senior Full Stack Engineer   *July 2014 - February 2016*

Updox   Columbus, OH
Software Engineer   *September 2012 - July 2014*

Independent Developer   Akron, OH
Software Developer   *June 2011 - September 2012*

PROJECTS

Admin Platform   **React, Redux, Webpack**
Lead Front-end Engineer, SeatGeek   *May 2015 - February 2016*
- Lead a team of 4 to design and develop a single page React application built with Redux, Immutable.js, and Webpack.
- Principal architect responsible for designing secure system to access data from all back-end micro-services.
- Cross-team collaboration to create a refund tool for multiple payment systems processing over $60K/mo.

SeatGeek Checkout – platform.seatgeek.com/checkout   **Python, Go, AMQP**
Lead Back-end Engineer and Integrations Manager, SeatGeek   *November 2014 - February 2016*
- Lead team of 4 responsible for all back-end services and partner integrations processing $15MM/mo in transactions.
- Principal architect responsible for designing second checkout API version, increasing conversion rates by up to 10%.
- Developed auditing and accounting systems to track orders, conversions, and error rates for 75K orders per month.
- Designed API specification for partner integrations and managed all technical relationships and implementations.

Google DFP Integration   **Python, React, DFP**
Front-end Engineer, SeatGeek   *July 2014 - November 2014*
- Converted custom Ad platform to Google DoubleClick for Publishers serving 5MM monthly impressions.
- Restructured front-end ad placements to support novel placement of inventory (e.g. on field and click interstitial).

Core Application Redesign   **AngularJS, LESS, Java**
Lead Front-end Engineer, Updox   *April 2014 - July 2014*
- Ported existing Updox installed Java client to a full-featured cross-browser AngularJS web application.
- Converted skeuomorphic design to a flat design to improve performance and visual aesthetics.
- Redesigned core features to enhance user experience, performance, and reliability.

Direct 2014 – updox.com/updox-platform/direct   **Project Management, Java, PKI**
Lead Engineer, Updox   *October 2013 - July 2014*
- Expert on the Updox back-end implementation of the Direct messaging protocol (SMTP) and PKI.
- Designed and developed auditing systems for message exchanges and Certificate Authority requirements.
- Lead more than 30 EHR partners through development, certification, and release to satisfy MU2 requirements.
- Engaged more than 500 emails each month across all partners to support, enhance, or maintain critical integrations.

Public API – updoxqa.com/io   **Java, MySQL, Redis**
Lead Engineer, Updox   *June 2013 - July 2014*
- Developed the new version of the Updox Public API used for the primary integration of partners.
- Designed and built the HMAC authentication process, return error codes system, and API call auditing.
- Responsible for developing secure and customized HIPAA compliant integrations for each partner using creative combinations of RESTful APIs, SOAP endpoints, SAML auth, HMAC message signing, and client-side certificates.