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 Web Engineer *July 2014 - Present*

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

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

PROJECTS

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

Google DFP Integration DFP, React.js
Project Lead 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, HTML5
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, SMTP, PKI
Lead Engineer and Project Manager, 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.

Interactive API – updoxqa.com/iodox/updox-iodox Node.js, Jade, JSON
Product Owner and Engineer, Updox *August 2013 - July 2014*
- Built a web application enabling live calls to the Updox Public API in a sandboxed region.
- Designed a system to automatically generate and update the Interactive API when the Public API code is deployed.

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.