JOHN LOCKHART

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SKILLS

JavaScript, jQuery, React.js, Redux, Ruby, Rails 5, RESTful routes, SQL, Postgresql, AWS, Git, HTML5 , CSS3, Wordpress, Adobe Creative Suite, Final Cut Pro

PROJECTS

Eventdark | FullStack WebApp *Ruby on Rails 5.2 Postgresql AWS Node.js Webpack React.js Redux HTML5 CSS3*   **live | github**
- Eventbrite clone with C.R.U.D. actions and all organized as a single-page app with routes implemented by react-router-dom library.
- Stored images on AWS and linking with Rails 5 Active Storage, significantly increased content delivery speed, as well as enabled live image uploading for creating and editing new events.
- Crafted layouts using CSS grid/flex and media queries to allow for mobile-friendly responsive design
- Implemented user-authentication architecture bridging the entire stack with BCrypt encryption, session cookies, and local window storage

Medpickr | DataVisualization Tool *Javascript D3.js Node.js Webpack*   **live | github**
- Learned the D3 visualization library in order to construct a pharmaceutical data visualization tool to help physicians make better, data-driven medical decisions regarding drug treatment
- Created responsive reusable charts to respond dynamically to different data sets and can be customized by diagnosis, drug-class, or outcomes data
- Implemented a Test-driven development process using actual physician test users to collect feedback and iterate changes, shaping design and data display for highest-end user utility and satisfaction

CryptRbit | Cryptocurrency Arbitrage Calculator Web App *React/Redux Node.js/Express MongoDB Webpack Bootstrap 4 Git*   **live | github**
- Crafted a system of 3rd Party API AJAX calls to access and aggregate data for real time currency analysis across more than 60 exchanges
- Built server-side logic in custom Node/Express routes to access denormalized MongoDB collections so users can save coin and market preferences to use as display defaults upon future sign ins
- Analyzed and integrated multiple API data and rendered using 'rechart' library data visualizers; charts designed to dynamically respond to user selections

WORK EXPERIENCE

CRYPTOCURRENCY DAY TRADER
Self-Employed   Sept 2017 - April 2018
- Managed daily trading volumes of up to 100K using bots and live trading to make 600% profit over 6 months
- Managed data streams across multiple 24hr trading platforms (Poloniex, GDAX, Kraken, Gatehub, Binance)
- Maintained daily ledge of transaction with returns for tax accounting purposes and performance metrics
- Self-taught charting and technical analysis skills used to increase profit share and determine strategic buying and selling opportunities across multiple coin markets

GENERAL AND EMERGENCY PSYCHIATRIST
Zuckerberg SF General Hospital   June 2015 - Aug 2017
- Stabilized, assessed, and treated psychiatric emergency patients in high volume, low resource setting
- Synthesized large amounts of laboratory, physical, pharmaceutical, and research data to make high-impact, life-affecting decisions for each patient, producing the require accompanying regulatory and billing documentation all within tight daily deadlines
- Coordinated longer term and residential treatment for more than 500 patients, reducing the homeless mentally ill population
- Supervised and trained over 24 medical trainees (including formal didactics, structured trainee feedback, and daily apprenticeship)
- Daily responsibilities directing rotation teams of ~4 mid-level providers per patient, varying from patient to patient and shift to shift

EDUCATION

Yale University School of Medicine	2015 - *Doctor of Medicine, Masters Science*
Columbia University in the City of NY	2009 - *Premedical Sciences Post-Baccalaureate*
Tisch School of the Arts, NYU	2002 - *Bachelor of Fine Arts, Drama, 2002*
App Academy	2018 - *1000+ hr software development course focusing on full stack web development*