B. JOHN LOCKHART

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SKILLS

JavaScript, jQuery, React.js, Redux, Ruby, Rails 5, RESTful routes, SQL, Postgresql, AWS, Git, HTML5 , CSS3, Rspec, Capybara, Jest, Enzyme, Wordpress, Adobe Creative Suite, Final Cut Pro, Python, VICIDial, RingCentral, Gsuite

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

EQUITIES & CRYPTOCURRENCY DAY TRADER
Self-Employed   Sept 2017 - April 2018
- Managed daily trading volumes of up to 100K using bots and live trading
- Managed data streams across multiple 24hr trading platforms (Poloniex, GDAX, Kraken, Gatehub, Binance)
- Maintained daily ledger of transaction with returns for tax accounting purposes and performance metrics

GENERAL AND EMERGENCY PSYCHIATRIST
Zuckerberg SF General Hospital   June 2015 - Aug 2017
- 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
- 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

App Academy   2018 - *1000+ hr software development course focusing on full stack web development*
Yale University School of Medicine   2015 - *Doctor of Medicine, Masters of 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*