Robert Kuykendall

San Antonio, TX (Remote)

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CS M.Sc. from Columbia University in the City of New York, SEAS May 2015
CS B.Sc. & Honors Studies minor from Texas State University, December 2012
Typescript, Javascript, React, Jest, Docker, Python, Django, Ant Design, MobX, CSS, SASS, Mentorship

Senior Engineer at [Mighty](): 2016-08 → 2022-07

- Wrote 25% of an enterprise React Javascript frontend, leading Forms, state, and move to Typescript.
- Wrote 35% of an internal financial React Typescript frontend tool, speeding up addition of features.
- Wrote 35% of a B2B business network frontend, leading infrastructure and UI / UX:
  - Moved global state such as authentication from React lifecycle methods into testable modules.
  - Owned UI / UX, working with designers to implement major redesigns consistently.
  - Led necessary major library upgrades such as Ant Design 4 to 5 and React Router 3 to 6.
- Collaborated closely with founder, designers, product, end users, and mentored junior developers.
- Led team-wide greenfield data modeling projects such as our internal financial data and B2B product.
- Developed testing tools to remove duplicate setup code bringing coverage to 95%+ on all products.
- Developed [fields-ant]() typescript component library to generate data cards, modals, and forms allowing us to move validation, loading states, error handling, formatting logic, and much more into a central library, reducing bugs and significantly reducing the time and code required to develop new features.

Engineer at [Thinkful](): Summer 2014, 2015-05 → 2016-06

- Improved scaling issues of ad performance analytics application though better data model design.
- Reduced build pipeline dependency on third-party service, speeding up development.
- Reduced paying consumer churn through improvements to consumer-facing settings page.
- Maintained consistent analytics across service-oriented architecture through javascript library.
- SEO and page speed improvements yielding 3x traffic increase on targeted marketing pages.

Developer at [Digett]() (Digital Marketing): 2009-05 → 2013-08

- Worked to implement themes and code features for Drupal PHP marketing and e-commerce websites. Migrated to early cloud hosting. Fixed bugs and performed long-term maintenance.

Personal Projects / Open-Source

- [formsy-react]() (2017+): Typescript. Open source form input builder and validator for React with 23k weekly downloads. Lead the transfer of abandoned project to new organization, modernized codebase and build system, got all abandoned contributions merged and released.
- [marvelous]() (2015+): Python Library Library for interfacing with official Marvel API, with 2 additional contributors and 30k+ downloads on PyPI.
- [WhereToStartReading.com]() (2015+): Python, Django. Comics blog with 110k visits in 2021.
- [Philogen]() (2014): Python, Flask. Generate and vote on funny markov chains for club.
- [MapWorldNews.com]() (2014): React, Python. News geo extraction, sentiment analysis, and D3.
- [Simplici7y.com]() (2005+): Ruby on Rails. Active publishing platform for open source game.
- [Pfhorums.com]() (2005+): Community Forum for FOSS Aleph One project online for 17+ years.