

ABE BARTH-WERB

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EXPERIENCE

Bad Rabbit Consulting

Senior Software Engineer

2016 - 2019

Portland, OR

- Consulted directly with research hospital administration teams to streamline business workflow processes using server and client side Javascript based framework
- Automated Conflict of Interest Management Plan Monitoring business process
- Implemented numerous reporting systems. Varying from NYU's Significant interest reports to data mapping from Children's National backend to our in house IRB data visualization suite.
- Designed and built system to use Reflection to non-destructively alter security settings. This was done to allow modification of proprietary system without breaking future upgrades.
- Deployed modern greenfield Node, React based email router to Kubernetes

Paperspace (Y Combinator W15)

Full Stack Software Engineer

2015 - 2016

Brooklyn, NY

- Provided cloud based virtual desktops to users with node.js, express, react, xen, and go
- Developed datacenter management back end for creating virtual machines, routing traffic, authenticating users, and emulating input output devices
- Championed separate development environment with automated testing and database migrations
- Setup NoSql Influxdb microservice to record various streaming performance metrics

MassLight

Web Developer

2013-2015

Ft. Belvoir, VA

- Maintained a system for validating and generating defense budget justification documents for Congress
- Tripled the speed which our restful API webservice generated pdfs from XML
- Established continuous integration system. Automatically migrating database schema, security scans, static code quality analysis, unit and integration testing

NoAdComputing.com

Proprietor

2012-2013

Nyack, NY

- Created MYSQL backend and interactive visualisations. Hosted on AWS for maximum scalability
- Made Node.js web scraping system to populate the database of computers. Extensively used Unit testing for cumulative debugging

EDUCATION

University of Vermont

B.S. in Computer Science & Engineering

Co-Founder of UVM chapter of the ACM

Set up a public open source computer lab to help educate people about *nix and facilitate peer learning

TOOLS, LANGUAGES AND FRAMEWORKS

javascript, node.js, postgres, git, java, go, react, clojure, css, c++, tapestry, python, emacs, atom, jquery, nginx, Aws suite, websockets, d3.js, bootstrap, mysql, svn, mongodb, Influxdb