

# Ben Chociej

*Experienced Engineering Leader*

*Full-Stack Software Developer*

*Performance-Oriented Computer Engineer*

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**Well-rounded Software Engineer and proven technical leader** seeking senior technical leadership role in a growth startup or small business with the potential for significant equity ownership. Track record of growing small software teams into effective, product-oriented engineering organizations. Equally comfortable spearheading technical architecture and developing full-stack software from MVP to enterprise-grade. Extremely familiar with Amazon Web Services and Scrum.

## Experience

- **Juristat (legal tech, big data, process improvement, security)** Saint Louis, MO  
*Vice President of Engineering (Feb 2017), Sr. Software Developer (Aug 2013) Aug 2013–present*
  - Lead a 12-person engineering department in Scrum-based software engineering processes and product-oriented development, delivering software that meets the company’s business goals.
  - Directly manage the 4-person core application engineering team, responsible for building and maintaining Juristat’s primary application suite in React & Node.js.
  - Develop and maintain Juristat’s authentication and authorization infrastructure.
- **Fusion Marketing (marketing, web design, full-stack dev)** Saint Louis, MO  
*Software Developer Feb–Aug 2013*
  - Tackled web projects of all sizes for digital marketing client projects.
  - Developed interactive touchscreen event kiosks from the ground up.
  - Managed Amazon Web Services infrastructure for hosting client projects.
- **Appistry, Inc. (big data, web development, systems programming)** Saint Louis, MO  
*Software Engineer May 2012–Feb 2013*
  - Spearheaded development of company’s new web frontend through a mastery of frontend technologies, becoming a company leader in frontend development.
  - Prototyped and tested software projects in Python & Ruby using a complex Ant build system.
  - Drove the company’s web software toward cross-browser compatibility, standards compliance, and modernness, introducing responsive web design, fluid layout, and modern web libs.
- **IBM Internet Security Systems (network security, web dev)** Atlanta, GA  
*Software Engineer Jun 2011–May 2012*
  - Developed software for Linux firewall/IPS in C, C++, JavaScript, Dojo, & Ruby on Rails.
  - Developed Linux kernel code to integrate crypto hardware (Cavium, Intel QuickAssist).
  - Practiced Agile development and mastered a complex GNU ‘make’ build system.
- **IBM Corporation (Linux kernel development, file systems)** Austin, TX  
*Extreme Blue Technical Intern Summer 2010*
  - Developed an additional layer for next-generation Linux filesystem ‘btrfs’ that optimizes I/O throughput in mixed hard disk and Solid State Drive (SSD) volumes.
  - Significant experience with C, git, and the open source community.
  - Adhered rigidly to Agile development principles. Frequently presented to executives and stakeholders, and collaborated with IBM Linux Technology Center and the Linux community.

## Education

- **Vanderbilt University** Nashville, TN  
*B.E. Computer Engineering, Mathematics* August 2007–May 2011  
Emphasis in high performance systems, networking, digital design, and cryptography.
- **Oak Park High School** Kansas City, MO  
*College Preparatory Diploma* August 2003–May 2007

## Patents

**U.S. patent no. US8838916B2.** *Hybrid Data Storage Management Taking Into Account Input/Output (I/O) Priority.* 2011. IBM.

## Personal Projects

- **js-rtlsdr** [github.com/bchociej/js-rtlsdr](https://github.com/bchociej/js-rtlsdr)  
*Use RTLSDR radio devices with Node.js*
  - Use your RTLSDR software-defined radio devices with Node.js thanks to these native C++ bindings. Complete, fully-tested implementation of librtlsdr.
- **Customizable keyboard stand** [github.com/bchociej/ergodox-stand](https://github.com/bchociej/ergodox-stand)  
*3D-print the perfect stand for your ergonomic keyboard*
  - The Ergodox keyboard is a split-layout, ergonomic keyboard that is completely programmable and customizable. Everyone has their own specific preference when it comes to the exact angle at which they like to use the keyboard. I went from zero Clojure experience to a near-complete rewrite of the upstream codebase to allow anyone to generate a 3D-printable stand at any angle they prefer using 80% less material.
- **bobbin / contractor** [github.com/bchociej/bobbin](https://github.com/bchociej/bobbin)  
*Open source multiprocessing libraries for Node.js*
  - Running multi-processor code in Node.js should be as easy as writing a function. These two projects make that dream a reality. Bobbin uses callbacks; contractor works with A+-style promises. See **contractor** and **bobbin** projects on my Github page.
- **Additional work** [github.com/{bchociej,juristat}](https://github.com/{bchociej,juristat})  
*See more on Github under bchociej and juristat*

## Minutiae

Available for Kansas City-based or fully remote opportunities and willing to travel occasionally. Open to contract and consulting arrangements. U.S. citizen.