

Brian Boyko

Full-Stack Software Engineer

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Technical Skills

Strong: Javascript, jQuery, Node.JS, FS.JS, Knex.JS, MySQL, PostgreSQL, MongoDB, Heroku, Git/GitHub, NPM, Bower, Grunt, Gulp, React.JS, Stripe API, Materialize, HTML/CSS, Linux/Bash/Zsh, Adobe Photoshop/Premiere/InDesign
Experienced: Angular.JS, Express.JS, D3.JS, BCrypt, Socket.IO, Google App Engine (GAE), Jade, Ruby/Rails, PHP, WordPress, Adobe Flash, Google Maps API, Bootstrap, Optimizely, MailChimp, Reveal.JS, Impress.JS, REST

Projects

- DigiQuiz** **2015** **Product Owner & Full-Stack Engineer**
Mission: Create SaaS edutainment app for classrooms where students interact live via mobile devices
Features: Simultaneous game sessions, store and retrieve custom game questions, and track student progress
- Speak** **2015** **Project Git Coordinator, Scrum Master & Full-stack Engineer**
Mission: Add features to MVP application for users to get feedback on their public speaking from audiences
Features Added: Users can customize feedback prompts, and these custom records are displayed via charts
- AmiGo** **2015** **Product Owner & Back-end Engineer**
Mission: Create app which allows users to find and meet friends on vacation travels.
Features: Build back-end of site, including schema and database models. Develop a dashboard designed to give front-end developer team a way to test their views. Provide sample front-end code for integration.
- Trivia MVP** **2015** **36 Hour Project, Solo**
Mission: Create a site where users on different networks/devices can play a trivia game together in real-time
Features: Read trivia questions from file, allow for real-time chat, questions, answers, and scorekeeping.
- Mayday Labs** **2014** **Co-Creator with Lawrence Lessig & Full Stack Developer**
Mission: Build crowdfunding site compliant with U.S. election regulations to fight corruption in Congress
Features: Payment processing, database to save user information and required compliance data, deployment.

Experience

- Mayday PAC** **Co-Creator, CTO, Dev Team Leader** **2014** **Austin, TX**
➤ Mayday PAC is the largest crowdfunded non-profit endeavor to date. Raised \$250k in 1st 24 hrs, \$11M in 3 mo.
➤ Led team of volunteers in refactoring to handle unanticipated demand, eliminating outages
- Cache IQ** **Marketing Communications** **2010 - 2012** **Austin, TX**
➤ Created copy for blog posts, technical whitepapers, and case studies which led to increased leads and revenue
- SilverStripe** **Technical Writer and MarCom** **2010** **Wellington, New Zealand**
➤ Eased user adoption of SilverStripe CMS by creating help documents for v2.2 of the software
- NetQoS** **Marketing Communications** **2006 - 2010** **Austin, TX**
➤ Investigative reporting on malware in Connecticut school directly led to wrongly convicted schoolteacher being given a new trial. This led to backlinks from major sites such as CBSNews.com & WashingtonPost.com, raising PageRank.
➤ Wrote copy and edited video for NetCosm, leading to 41% increase in market exposure, Produced 2,000 leads (compared to 500 the previous month), and team won #2 in Marketing Sherpa's Viral Marketing Hall of Fame

Education

- **MakerSquare, 2015** Advanced Software Engineering Immersive
➤ **University of Texas, 2005** M.A. in Journalism (Fellowship Recipient)
➤ **NJIT and Rutgers University, 2003** B.A. History

Personal Achievements

- Over 10 years, researched New Zealand to write *Importing Democracy* — a nonfiction book on electoral reforms in New Zealand. This included interviewing former prime ministers and other political leaders.
➤ Created an animated product review of Windows 8. So far, 600k+ people have viewed it