Brian H. Buchholz

Software Developer in New York

EXPERIENCE

Senior Software Engineer @ Kargo [kargo.com]

May 2015 - Present

- **Project Tech Lead:** Lead a small, agile engineering team in the design, development, and launch of a new product: a self-serve ad-buying web application (Node.js, MySQL, Angular, Docker)
    - Worked with Product Management and other stakeholders to assess and develop requirements, provide estimates and timelines
    - Performed code reviews, handled deployments, debugged problems, supported team members
- **Intern Coach:** Supervised and mentored the summer 2017 engineering intern
- Enhanced Kargo's data and targeting capabilities by integrating geolocation into its tracking service which receives >400M events/day (Node.js, Go, AWS Firehose, Kubernetes)
- Served Kargo's business intelligence needs by developing schemas, queries, and ETL pipelines for its Data Warehouse (Go, SQL, Kubernetes, Snowflake)
- Developed features for "Kargo Control Panel", a web application used by internal campaign managers to setup, launch, and monitor ad campaigns (PHP, MySQL, Angular)

Software Engineer @ CrowdTwist [crowdtwist.com]

May 2014 - May 2015

- **Professional Services Lead**
    - Fixed bugs, solved problems, provided general engineering support to account managers (PHP, Oracle, Angular, HTML/CSS, Linux, AWS)
    - Launched 6 new clients, bringing total user count to >5 million across 15 client programs
- Developed features for CrowdTwist's multi-channel loyalty and analytics platform, which includes a web application, CMS, data analytics tools, and backend integrations with social networks and other third-party systems (PHP, Oracle, HTML/CSS)

Electrical Engineer @ Mercury Systems [mrcy.com]

Jun 2010 - Dec 2013

- Designed and manufactured high performance RF/microwave components and subsystems

SKILLS & KNOWLEDGE

Languages & Frameworks: Node.js, Javascript, Go, PHP, Ruby, Python, SQL, HTML/CSS, Angular
Other: Docker, Kubernetes, AWS, Git, Linux, microservice architecture, data warehousing, continuous integration, OOP, REST, Agile

EDUCATION

M.S. Electrical Engineering

Lehigh University, 2010

B.S. Bioengineering

Lehigh University, 2009