Joshua Holbrook

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Skills and Qualifications:

- Expert in Python, JavaScript/Node.js and Bash; Competent with Scala; Experience with MATLAB and LabVIEW
- Experience working with microservices and distributed systems using HTTP JSON/XML APIs and queue-based workers/consumers
- Competent with PostgreSQL, MySQL and AWS Redshift; Experience with Redis, RabbitMQ, Kinesis, Solr, CouchDB and MongoDB
- Experience with EMR, S3, EC2, RDS, SQS, CloudFormation, CodeDeploy and other AWS products
- Competent with LookML; Experience with Apache Spark
- Experience with Jenkins, Puppet, Ansible, Docker, Vagrant, Datadog and NewRelic

Education:

Master of Science in Mechanical Engineering   *Sept. 2009 – May. 2011*
University of Alaska Fairbanks
Thesis: The Determination of Anisotropic Thermal Conductivity with Thermal Needle Probe Measurement
3.62 GPA

Employment History:

Senior Developer, Data Engineering   *September 2016 - Present*
Fusion Media Group, New York NY
Job duties and accomplishments include:

- Developing, deploying and supporting ETL processes, pipelines and scheduling for data warehousing with Python and AWS Redshift
- Designing and delivering dashboards and explores in Looker
- Taking development and ops/support ownership of Kinja's internal data analytics pipeline and replatforming batch compute jobs from Scala to Python, using Apache Spark, MySql, Jenkins, EMR and Kinesis
- Leading the overhaul of Kinja's Amazon affiliate program tracking and analytics using Scala, MySQL, Python and Looker

Software Developer, Copilot Backend   *February 2014 - August 2016*
Condé Nast, New York NY
Job duties and accomplishments include:

- Developing API services for content management and publishing with Node.js, MongoDB and Solr
- Helping to design the relationships model used in Copilot 2.0
- Building and launching critical components of Vogue Runway's real-time photo update experience
- Building out the deploy system for Copilot during the intitial migration onto AWS
- Deploying, supporting and being on-call for API services with Puppet, AWS CodeDeploy and NewRelic

Software Engineer   *August 2013 – November 2013*
i.TV LLC, Provo UT
Job duties and accomplishments include:

- Developing back-end systems with CoffeeScript, MongoDB and RabbitMQ
- Building and debugging internal content creation/management tools with CoffeeScript and AngularJS

Head of Support   *July 2011 – December 2012*
Nodejitsu Inc., San Francisco CA
Job duties and accomplishments include:

- Managing and training other support engineers
- Monitoring IRC, email, Twitter and other sources for support requests
- Triaging and investigating issues with Nodejitsu software, servers and cloud providers
- Maintaining, bugfixing and managing releases for the Flatiron framework and Nodejitsu's open-source software
- Developing and maintaining internal support infrastructure and tooling