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 and docker

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

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 angular.js

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