

# Joshua Holbrook

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## *Skills and Qualifications:*

- Expert in server-side JavaScript (node.js); Knows JavaScript, python & bash; Experience with R, MATLAB & LabVIEW
- Competent with couchdb and mongodb; Experience with redis, leveldb, rabbitmq, solr and AWS Redshift
- Experience with writing, serving and consuming HTTP RESTful and non-RESTful, JSON and/or XML APIs

## *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*

*September 2016 - Present*

Fusion Media Group, Manhattan NY

Job duties include:

- Developing, deploying and supporting ETL processes and scheduling for data warehousing with python and AWS Redshift
- Administrating an AWS Redshift cluster

*Software Developer*

*February 2014 - August 2016*

Condé Nast Technology, Manhattan NY

Job duties include:

- Developing API services for content management and publishing with node.js, mongodb and solr
- Deploying and supporting API services

*Software Engineer*

*August 2013 – November 2013*

i.TV LLC, Provo UT

Job duties include:

- Developing back-end systems with coffeescript, mongodb and rabbitmq
- Building internal content creation/management tools with coffeescript and angular.js
- Deployment of internal services

*Head of Support*

*June 2012 – December 2012*

Nodejitsu Inc., San Francisco CA

Job duties include:

- Managing and training junior 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

*Support Engineer*

*July 2011 – May 2012*

Nodejitsu Inc., San Francisco CA

Job duties include:

- Monitoring IRC and email for support requests
- Triaging and investigating issues with Nodejitsu software
- Implementing sendgrid-based email system for Nodejitsu master API
- Writing bugfixes, adding features and documenting Nodejitsu's open source libraries and software