

Gordon Towne

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Professional Experience

Catalytic, Inc Chicago, IL

Senior Software Engineer

March 2017 - Present

- Lead team of developers focused on incorporating predictive features into enterprise automation platform
- Designed and architected features to allow users to easily train machine learning models to forecast decisions made in their business processes
 - NodeJS
 - React/Redux
 - Apollo GraphQL
 - DynamoDB
 - Docker/ECS
 - Elasticsearch

Earshot, Inc Chicago, IL

Senior Software Developer

April 2015 - March 2017

- Developed machine learning models to determine the relevancy of a social media post to a marketing campaign
- Owned infrastructure automation, monitoring, and operations for real-time stream processing system ingesting a partial firehose from Twitter and Instagram
 - Python
 - AngularJS
 - RabbitMQ
 - EC2 Autoscaling
 - Ansible
 - Elasticsearch

TrainingPeaks Boulder, CO

Software Developer

July 2013 - April 2015

- Ported legacy functionality to new REST APIs, serving over seven million daily requests
- Led technical effort to integrate with third party payment provider and migrate over 15 thousand existing recurring user subscriptions to new platform
 - C#/NET
 - SQL Server
 - Amazon Web Services (AWS)

Raytheon Aurora, CO

Software Engineer II

June 2012 - July 2013

- Developed the full stack of a single-page web application for error monitoring in a distributed system
- Maintained a legacy C++ codebase with over 2 million lines of code
 - Java
 - C++
 - Javascript

Boston University Image and Video Computing Group Boston, MA

Research Assistant

May 2010 - May 2012

- Authored 2012 International Conference on Pattern Recognition (ICPR) workshop paper, "Error Analysis and Design Considerations for Stereo Vision Systems Used to Analyze Animal Behavior"
- Implemented algorithm in to correct for non-uniformity distortion in video from thermal infrared cameras
 - Matlab
 - OpenCV
 - C++

Education

Boston University Boston, MA

Master of Arts, Computer Science

May 2012

Bachelor of Arts, Computer Science

May 2012

GPA: 3.67/4