

PROFILES

GitHub *morgante*
LinkedIn *morgante*
Twitter *@morgantepell*

SKILLS

- AWS
- Docker
- JavaScript/Node.js
- REST
- Python
- Redis
- PHP
- MongoDB
- MySQL
- Postgres
- Redshift
- Product Management
- Public Speaking
- Data Analytics

HONORS

CityAI
Speaker June 2017
PennApps
Mentor September 2014
HackNY
Fellow June–August 2013
ArabNet Hackathon
Champion June 2013
HackMIT
SendGrid Prize October 2013
RIT
Computing Medal May 2010

EDUCATION

New York University
Bachelor of Science
Major: Computer Science
Minor: Economics

PROJECTS

Monsoon
A custom CMS which automatically generated and tested social media outreach to over 20M users
Social Citadel
I built this system for automatically protecting social media accounts from fraud in Node.js.

EXPERIENCE

Founder & CEO

Gandalf

getgandalf.com
June 2016–Present

- Founded a startup focused on infrastructure automation
- Developed a custom DevOps automation framework for AWS and Azure, leveraging Terraform, Puppet, and Boto
- Reduced the time for doing standard DevOps tasks by up to 60%
- Built a custom chatbot with NLP capabilities to service customer requests
- Helped startups and enterprise clients save, on average, over \$10,000/m
- Supervised the successful Dockerization of over 400 projects

Consulting CTO

MasterMade Technology

mastermade.us
August 2015–Present

- Advised multiple startups and Fortune 500 companies on developing product roadmaps, technical decisions, and business strategies
- Managed a network of freelance software engineers and designers
- Built a real-time data pipeline using AWS Kinesis and Redshift to handle billions of monthly events while reducing annual analytics costs by \$240k
- Designed custom machine learning algorithms in Python for extracting structural information from legal documents, reducing review time by 60%
- Developed the React frontend for an application to process insurance claims which reduced handling costs by up to 50%
- Architected a bayesian prediction service for a major social media publisher which tailored results to user preferences and increased viral lift
- Designed a system for a major international NGO to accelerate their marketing through automated publishing to over 1 million readers
- Developed crowdfunding platforms with Django and React for allocating over \$50M in total investor capital
- Helped to close over \$1.2M in software development projects

VP of Technology

Some Spider

somespider.com
March 2014–August 2015

- Founded the technical team as first employee at a media startup
- Developed a micro service architecture to handle tens of thousands of concurrent users using RabbitMQ, Node.js, PHP, Python, Redis, Postgres, and MongoDB
- Hired and managed a talented team of 8 designers and engineers
- Built a continuous integration and delivery pipeline using Docker on AWS
- Scaled systems to handle over ten million monthly unique visitors
- Managed an annual technology budget of \$1M

Software Engineer

Business Insider

businessinsider.com
June 2013–March 2014

- Architected, implemented, and deployed new analytics infrastructure with StatsD and MongoDB which tracks over 10,000 events per second
- Identified and fixed serious bugs in JavaScript site components and infrastructure which were losing millions of page views
- Implemented a customizable system in PHP for launching new sponsored verticals which generate over \$1M in additional revenue
- Streamlined the subscription process for Business Insider's premium research service by leveraging the Stripe API

Programming Intern

GlobalClassroom

globalclassroom.us
June 2008–August 2008

- Developed social networking functionality for the company's platform which increased user engagement by 30%
- Fixed dozens of PHP and JavaScript bugs in this e-learning startup's classroom software based on Moodle