Daniel Frakes

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Education		
	Georgia Institute of Technology	*Dec 2018*
	Master of Science in Computer Science (3.91 GPA)	
	Specialization in Machine Learning	
	Bowling Green State University	*May 2013*
	Bachelor of Music in Music Education and Instrumental Performance (3.88 GPA)	

Experience

Celerity — *May 2017 - present*
Senior Software Engineer
- **Internal projects:** inaugural member of company data analytics practice, automated performance achievement workflow, custom kiosk display using Wagtail CMS and Heroku, Wordpress website maintenance and support
- **National Geographic Society*:** Website (ngs.org) and microsite management using custom CMS, site navigation and page structure reorganization, data-driven Photo Ark microsite, NGS-branded Wordpress theme and data migration from PressPage
- **Association of American Medical Colleges*:** Website (medeportal.org and icollab.org) development using custom CMS

Blackstone Technology Group — *Jan 2016 - May 2017*
Technical Consultant
- **Trellis**:** Energy transaction management system using Java and HTML/JS, documented and automated developer environment setup, business process optimization opportunities and implementation plans
- **Parallel 6*:** Javascript SDK based on client API library; Cordova plugin to encapsulate native API, device info, and SDK; sample Ionic mobile app implementing API platform
- **Arvest*:** Mobile website optimization and redesign

Accenture Federal Services — *Sep 2013 - Dec 2015*
Senior Systems Developer
- **United States Postal Service*:** Product Tracking & Reporting system of live and historical shipments, data ingest and ETL integration using Oracle SQL and Informatica, software release requirements traceability matrices

Coursework
- Machine Learning
- Machine Learning for Trading
- Reinforcement Learning
- Data Analysis and Visualization
- Knowledge-Based Artificial Intelligence
- Computational Complexity Theory
- Computational Photography
- Software Development Process
- Human-Computer Interaction
- Educational Technology
- Intro to Health Informatics

Technology

Experienced: Python, Django, Javascript, Node, Vagrant, Ansible, HTML, CSS/SCSS
Familiar: pandas, numpy, SQL, R, Shell, Gulp, Webpack, Grunt, PHP

Honors & Awards

Celerity L.E.A.D. Program Inaugural Member	*Oct 2018*
Blackstone CREDO Award, 2016 Q1	*Apr 2016*
Accenture Performance Award: Collaborates Effectively	*Aug 2015*
Accenture Performance Award: Develops Self and Others	*May 2014*
Eagle Scout Award	*Jun 2009*

* Client account   ** Subsidiary product company