Daniel Frakes

https://dpfrakes.dev

571-225-8269
dpfrakes@gmail.com

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

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   ** Subsidiary