

Brandon Thorly

brandonthorly@gmail.com

678 849 5706

A driven, analytical and agile engineer with experience delivering and maintaining enterprise applications, who values challenging problems, a strong team of peers, as well as a supportive and communicative professional culture.

skills

Python, Flask, Django, Java, Spring, Ruby on Rails, Angular, React,
Javascript/Typescript/jQuery, HTML/CSS/LESS/SASS, SQL, NoSQL,
Docker, Openshift/Kubernetes.

work

present
2019

Delta Air Lines, full stack software engineer

- Senior engineer on Delta Operations Simulator (DOS) product, a discrete-event simulation model of the global airline industry to enable better decision making in the operations.
- Designed and implemented new features, debugged, and tuned the simulation engine.
- Defined, developed and maintained Flask API for simulations and their KPIs in order to surface simulation results to the client
- Analyzed and optimized postgresql stored procedures
- Designed data flow through a microservices architecture using redis pubsub/cache and Google protocol buffers
- Prototyped and deployed full-stack python/Angular applications for the Operations Decision Science team.

2019
2017

Accenture Interactive, front-end development associate manager

- Led development teams in building and deploying optimization campaigns for clients.
- Worked closely with design, analytics, project managers, and clients to produce deliverables effectively.
- Mentored and counseled junior engineers, strengthening their skills and developing their careers
- Implemented and debugged optimization tools for client (Optimizely, Adobe Target, etc).

2017
2014

BP3 Global, software engineer

- Gained experience in agile design and development of enterprise level Java Spring MVC and Ruby on Rails web applications with an eye toward Test Driven Development in a collaborative team environment.
- Created and designed single page applications using object oriented programming with Angular and Typescript.
- Worked with our design team as the UI developer to rapidly prototype new customer product ideas.
- Led talks and demos at company conferences and classes for new interns regarding CSS/ LESS & d3js.

2013
2011

Freelance, front-end developer, photographer/videographer

- Broadened front-end development skills and gained experience working with clients.

2011

Center for Disease Control, fellow

- Analytical Chemist in the Newborn Screening and Molecular Biology Branch.
- Helped design dried blood spot mass spectrometry tests as part of the Newborn Screening Quality Assurance Program to maintain QA for global labs detecting disorders in newborns.

education

2014

MakerSquare

Immersive software engineering bootcamp

2008

Georgia Institute of Technology

Bachelor of Science, Biology

References available upon request

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