JAMES TIMMINS

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EDUCATION

University of Southern California **Los Angeles, CA**
Marshall School of Business: B.S. Business Administration (Entrepreneurship & Finance) *Graduated: May 2014*
- Merit Based Scholarships and Awards: USC Presidential Scholarship, National Merit Finalist

SKILLS AND EXPERTISE
- Extensive experience with Python, Django, Django Rest Framework, PHP7, Heroku, AWS Lambda
- Proficient with AWS, React, JavaScript, Postgres, ElasticSearch, Redis, MySQL, RabbitMQ
- Working familiarity with Golang, C, d3.js, Flask, Postgres, Ruby, Perl, Laravel

PROFESSIONAL EXPERIENCE

fullstack.io - Fullstack Django APIs **Los Angeles, CA**
Lead Author *February 2019 - February 2020 (est.)*
- Lead development and writing for a 350-450 page introductory text on developing production-ready APIs with Django and Django Rest Framework.
- Topics include architecture, deployment to Heroku, authentication via cookies, sessions, and JWT, testing methodologies, Postgres configuration, Stripe setup, task queueing, and security.

Internal Tools Consultant **Los Angeles, CA**
Software Engineer *February 2018 – Present*
- Strategize with clients to understand business needs and priorities, then plan tooling and timelines to address those needs.
- Design, develop, test and maintain custom software tools, typically built with Django, React, Heroku, Postgres, and Redis.
- Manage integrations with multiple third-party software providers.

Tradesy - Peer-to-peer luxury clothing marketplace **Los Angeles, CA**
Software Engineer *September 2016 – September 2017*
Junior Software Engineer *December 2014 – September 2016*
- Lead design and development of API and inventory system allowing business sellers to sync items between their Tradesy and Shopify accounts.
  - Kept a half million items in sync daily.
  - Cleanly mapped between Tradesy's item taxonomy and individual sellers'.
  - Item model architecture allowed sellers to list multiple quantities of an item, and to change future versions of that item while maintaining accurate data for previously sold item versions.
- Lead development of new anti-fraud tools for user listings, using ElasticSearch to surface high-risk listings for review by our trust team.
- Rebuilt (with my mentor) our image-cleaning system as a standalone service. This tool allows our partners in Bangladesh to manually clean 10,000 images every 24 hours.
- Built a shared message notification system, which joined our SMS, iOS, and Android alerts systems behind a single interface, allowing consistent behavior and tracking across various channels.

Space Exploration Technologies (SpaceX) **Los Angeles, CA**
Business Systems Analyst Intern *September 2013 – May 2014*
- Served as first point of contact for employees when resolving ERP bugs and usage issues.
- Worked with developers to significantly update documentation for 300 separate points of ERP access .