

# Joe Torraca

New York, NY • [joe@joetorraca.com](mailto:joe@joetorraca.com) • (516) 320-3946  
[joetorraca.com](http://joetorraca.com) • [linkedin.com/in/jtorraca](https://www.linkedin.com/in/jtorraca) • [github.com/jvt](https://github.com/jvt)

---

## EDUCATION

### Georgia Institute of Technology

May 2019

- B.S. in Computer Science (*GPA: 3.54 – High Honors*)
  - Focus on Artificial Intelligence and Human-Computer Interaction
- 

## EXPERIENCE

### Senior Software Engineer — Etsy

June 2019 — Present

- Tech lead on numerous projects to modernize internal tool architectures leading to more performant apps, and worked collaboratively with team designer to redesign UI resulting in faster user interaction times
- Wrote efficient and thoroughly tested code to replace legacy system with Kafka-backed realtime streaming architecture powering Etsy's offsite ads product leading to a 54% reduction in DB queries
- Trained and integrated a real-time fraud prevention machine learning model into offsite ads resulting in a 14% decrease of fraudulent GMS attributed to offsite ads
- Led initiative to refactor APIs powering offsite ads into concurrent architecture leading to a 63% decrease in response times
- Helped to onboard and mentor 7 new team members and provided on-team mentoring for summer interns

### CEO, Founder — Lateplate

April 2018 — July 2021

- Designed and built cross-platform iOS and Android applications using React Native
- Developed responsive feature-complete React web application for non-iOS or Android devices
- Architected supporting backend infrastructure which handled over 3,000 requests per second
- Created an auto-scaling backend infrastructure in both AWS and Google Cloud
- Oversaw acquisition and integration into largest collegiate food supplier in U.S.

### Lead Residential Technical Advisor — Georgia Tech Wreck Techs

August 2016 - May 2019

- Worked with enterprise networks and services to create multiple internal applications
- Developed PHP application for tracking unauthorized wireless networks on Georgia Tech's network
- Led initiative to improve performance on legacy codebases by over 1,500% by implementing efficient caching strategy
- Implemented DataDog/NewRelic monitoring across all systems for proper alerting and request tracing

### Software Engineering Intern — Etsy

May 2018 - August 2018

- Integrated a 3rd-party CMS into the homepage of Etsy to enable designers to build the landing experience without needing engineering support
- Architected the pipeline for ingesting images from the 3rd-party CMS into Etsy's photo-stack
- Integrated Etsy's translation pipeline into the CMS publish workflow to ensure translatable-strings get translations requested automatically
- Released multiple A/B experiments to production to measure the impact of feature changes

### Software Engineering Intern — CareerBuilder

May 2017 - August 2017

- Worked collaboratively with Google engineers to build out CareerBuilder's side of *Google for Jobs*
  - Rearchitected Clojure-powered Graph Based Recommendation API with a Node.js application
  - Developed tool to identify unnecessary DataDog installations on EC2 instances saving CareerBuilder's over \$8,000/year
  - Winner of the "Intern of Steel" award for outstanding performance and significant team contributions
- 

## SKILLS

**Programming:** JavaScript, Node.js, React, TypeScript, PHP, Python, Git, SQL, Java

**Infrastructure:** Kubernetes, Docker, Kafka, Google Cloud Platform, Amazon Web Services

**Design:** Figma, Adobe XD

---

## PROJECTS

### JARVIS Home Automation System.

February 2012 - May 2019

- Developed Node.js natural language query processor
- Integrated Wit.AI Natural Language Processor for text analyzation and conceptual understanding
- Created Text-To-Speech engine built on top of IBM Watson's Text-To-Speech engine integrated with a Crestron Media Control System
- Integration with numerous proprietary APIs to control a variety of devices