

Joe Torraca

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EDUCATION

- Georgia Institute of Technology** May 2019
- Pursuing a Bachelor of Science in Computer Science
- South Side High School** June 2015
- GPA 4.0 / 4.0
- IB Diploma recipient, Member of National Honor Society & Spanish / Math Honor Societies
- Recipient of the Xerox Award for Information Technology by the University of Rochester
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SKILLS

Programming: JavaScript, Node.js, React, React Native, HTML, CSS/SCSS/LESS, PHP, Python, Git, SQL

EXPERIENCE

- CEO, Founder — Lateplate** *April 2018 — Present*
- Developed supporting backend infrastructure which handles an average of 2,000 requests/second
- Designed and built iOS and Android applications using React Native
- Built responsive React web application for non-iOS or Android devices.
- Created a scalable infrastructure in AWS using CloudFormation templates and Auto-Scaling groups
- Lead Residential Technical Advisor — Georgia Tech Wreck Techs** *August 2016 - Present*
- Worked with enterprise networks and services to create multiple internal applications
- Developed *PHP* application for tracking unauthorized (“rogue”) wireless networks on GaTech’s network
- Decreased multiple API calls by over 700ms by implementing a live-updating Redis cache
- 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 allow designers to build the landing experience without needing to involve an engineer
- Developed 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 all 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*
- Rewrote Clojure-powered Graph Based Recommendation API with a *Node.js* application
- Wrote a tool to save CareerBuilder’s over \$8,000/year by removing DataDog from EC2 instances which didn’t require the DataDog agent to be installed
- Winner of the “*Intern of Steel*” award for outstanding performance and significant team contributions
- Software Engineering Intern — CareerBuilder** *May 2016 - August 2016*
- Implemented Redis caching for internal APIs to lower response times up to 100ms
- Rewrote unit tests for multiple applications to achieve 100% code and branch coverage
- Developed an internal *Node.js* SDK for interfacing with the team’s APIs
- First intern ever to win the *Outstanding Performance* award within Site-Technology
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PROJECTS

- JARVIS Home Automation System** *February 2012 - Present*
- Developed *Node.js* natural language query processor
- Integrated Wit.AI Natural Language Processor for text analysis 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 various devices and information sets
- Shush.it** *May 2015 - August 2015*
- Worked on OAuth-based login flow utilizing Twitter’s login API
- Created the front-end UI design and wrote server-side rendering using *Handlebars* templating engine
- Created *MySQL* database schema using *Knex & Bookshelf ORM*
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LEADERSHIP

- IT Committee Head — Pi Kappa Phi Fraternity** *January 2016 - Present*
- Developed numerous internal *Node.js* applications such as a lateplate request system and online test-bank storage system