Peter Yao   *Software Engineer*

Education
- **UC San Diego – Computer Science B.S. (GPA: 3.69 as of Spring 2016) [Grad Dec. 16]**
  - » **Course highlights**: Object-oriented Programming, Combinatorics, Software Tools, Software Engineering, Algorithms, Servers, Webapps, Frontend web development, UX/HCI, Operating Systems, Functional Programming, Compilers, Computer Architecture
  - » **Other projects**: GLSL compiler, UNIX-like kernel components (scheduler, sems, threads)

Experience
- **Software Engineer Intern [DataTorrent] (Jun 2016 - Sep 2016)**
  - » **Projects**: DataTorrent Console; front end for managing and developing Apache Apex apps.
  - » Add features, redesign pages, fix bugs, aid architecture decisions.
  - » **Tech**: *AngularJS, Gulp, Bootstrap, D3, Jasmine, Balsamiq, Apache Apex*
- **Full Stack Dev [Thevelopment] (May 2015 - Mar 2016)**
  - » **Projects**: Worked on SalonFrontDesk, a CMS for salons. Completed several static sites.
  - » Architect and implement backend modules including: *SMS/Email Notifications* (message templating system, API triggers, Twilio integration, Cron reminders), Settings (API).
  - » **Tech**: *MongoDB, Express, AngularJS, Node.js, Passport, JWT, Bootstrap, Gulp, and more.*
- **Programmer's Assistant [UC Health System BADG] (Dec 2014 - Apr 2015)**
  - » Perform various sysadmin tasks: server maintenance, implemented Zabbix monitoring.
  - » Contribute to Java backend for UC Health System's HR department.
  - » **Tech**: *Eclipse, SVN, Zabbix (JVM monitoring), SUSE, Drupal, JBoss, Hibernate, and more.*
- **iReceptionist [student] - webapp (Jan 2016 - Mar 2016)**
  - » Lead frontend and backend teams (14 students), validate architectural decisions, perform customer interactions and presentations, aid in frontend design and API design.
  - » **Tech**: *MEAN stack with RESTful API, stateless JWTs, documented with apiDoc.*
- **SoFood [student] - mobile app backend (Oct 2015)** *http://www.sofood.tk*
  - » Architect and implement backend RESTful API with Node.js, Express, MongoDB.
  - » Authentication with Passport OAuth and JWT. Documented with Swagger.
- **Suitelife [student] - Meteor webapp (Nov 2014)**
  - » Webapp for suitemates to interact and organize. Participated in architecture; implemented cost-splitter and IOU system.
  - » **Tech**: *MongoDB, Meteor, CoffeeScript, Blaze templating, Iron.Router, Bootstrap, more.*
- **eggsnramen [student] - webapp (Jan 2015)** *http://eggsnramen.herokuapp.com*
  - » A recipe finding app targeting mobile devices; meant to be extremely simple to use.
  - » **Tech***: MEAN Stack with RESTful API; Ionic front-end.*

Technology Summary
- **Languages**: JavaScript **(best)**, HTML+CSS, Java, C/C++, OCaml, Python, PHP
- **Tools**: Git, Node.js, Express, Swagger, apiDocs, Bower, Gulp, npm, Cordova
- **Testing/CI**: Karma, Jasmine, Mocha, Chai, CodeShip, DeployBot, CodeClimate
- **Databases:** MongoDB [Mongoose ODM], MySQL
- **Frameworks**: AngularJS, Ionic, Bootstrap, Foundation, Meteor
- **PaaS/IaaS**: DigitalOcean, AWS, Heroku, MongoLab
- **Project Management**: YouTrack, JIRA, Trello, HipChat, Slack, Upsource
- **System Administration**: Basic networking, Bash, Zabbix
- **Operating Systems & VMs:** Linux [Ubuntu, SuSE], Windows, VMware, VirtualBox

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