Jonathan Lai

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Education:

- University of California, Davis – B.Sc. in Biological Science Plant Emphasis, with a minor in Education, 2002 – 2006.
- University of California, Los Angeles – Graduate School of Education and Information Studies, Secondary School Science Education, 2006 – 2008.
- California State University, Los Angeles – B.Sc. in Food Science and Technology, with a minor in Computer Information Systems, 2009 – 2011.

Experience:

Developer, Stanford Graduate School of Education IT, Stanford, CA (June 2016 – Present)

- Develop applications for the Stanford University Graduate School of Education. Technology stacks used: Python, PHP, Java, Javascript; Drupal, Docker, Ansible, Solr; Node, Express, React, MySQL, Mongo, Tableau, Instructure Canvas; Platforms on GCP, AWS (Athena, Lambda, EC2, S3, Cloudfront).

Application Developer, UC Berkeley RAC, Berkeley, CA (April 2014 – April 2016)

- Software developer at Berkeley's Research Administration and Compliance department. Address front and back end development for the Berkeley "Phoebe Platform" with Javascript, Groovy, Grails, and Alfresco FOSS Document Management. Phoebe assists research administrators in effectively finding and storing documents and files related to federal proposals and awards.

Back End Software Engineer, Taulia Inc, San Francisco, CA (July 2013 – December 2013)

- Back End engineer working with the grails web application framework on the Taulia SaaS platform that facilitates invoicing and purchase orders with dynamic discounting between supplier and buyer SAP systems. Utilize Groovy, Grails, Gradle, Java, Geb/Selenium, and MySQL.

Skills:

- Programming Languages: Python, Javascript, PHP, Groovy, Java, Ruby.
- Frameworks: Django, Flask, Pandas, Drupal, Grails, Gradle, Ruby on Rails, Node, Express, Gatsby.
- Front-end Web libraries: Angular, React, Sass, DataTables.js, Bootstrap, Tailwind.
- Operating Systems: Android, iOS, Windows, macOS, Linux, ArchLinux on and off since 2008.
- Other: Emacs, Vim, Vagrant, Docker, Mongo, MySQL, Ansible, Selenium, Nginx, Git, Rsync, Travis, Sendgrid, Figma, Krita, Gimp, Airtable.

Additional:

- Humanitarian Service: San Francisco Pomeroy Center Food Pantry, Street Life Ministries San Mateo County, Union Rescue Mission Los Angeles, Service projects in Uganda and Haiti.
- Tech: Learning lisp platforms and frameworks (e.g. emacs lisp, clojurescript, etc) and distributed ledger technology (e.g. blockchain, ethereum, solidity, monero, etc).
- Speaker and Volunteer: Stanford IT Unconference and Berkeley BADCamp.
- Languages: Conversational Spanish, Elementary Mandarin and Cantonese.
- Teaching: K-12 Education in Oakland, Sacramento and Los Angeles.