

TONI P. CHAU

tonichau@gmail.com
(650) 743-0290

[linkedin.com/in/tonichau](https://www.linkedin.com/in/tonichau)
Palo Alto, CA 94306

TECHNICAL SKILLS

HTML/CSS, JavaScript, Backbone JS, OOP, PHP, Xcode, Objective C, Git, Scrum, Adobe Photoshop

EXPERIENCE

- 06/2013 – Present **Avira**, Burlingame, CA
Position: Junior Software Developer
Responsibilities:
-Used Backbone JS to help build the front end of the company’s “Online Essentials” web application.
-Created a campaign page for the “Avira Mobile Security” iOS application that received half a million views in two days.
-Integrated internationalization plugins to provide language support to the web and iOS applications.
-Integrated analytics tools such as Mixpanel and Flurry.
-Participated in the production of the “Avira Mobile Security” iOS application. Utilized Objective-C to design and implement some animations for the application.
-Created a script in PHP to automate sales reports of our iOS application.
- 04/2013 – 06/2013 **Coding Dojo**, Mountain View, CA
Web Developer – Trainee
-A nine-week intensive web development training program that covered HTML, CSS, PHP, Ruby, Rails, jQuery, Ajax, SQL, Git, OOP, and MVC.
-Built a project in Rails that utilizes a web crawler to gather information about job trends in the Silicon Valley.
-Built several web applications from scratch primarily using PHP and Ruby.
- 05/2012 – 02/2013 **Bay IVF Center for Reproductive Medicine**, Palo Alto, CA
Position: Embryologist
Responsibilities:
-Assisted with the insemination of oocytes with sperm in couples (or individuals) experiencing difficulties with infertility.
-Responsible for semen analyses prior to egg retrievals and for semen preparations for insemination via conventional IVF (in vitro fertilization) or ICSI (intracytoplasmic sperm injection).
-Analyzed hormone levels in blood serum samples for patients in cycle.
- 03/2009 – 04/2012 **The J. David Gladstone Institutes – Stem Cell Core**, San Francisco, CA
Position: Research Associate
Responsibilities:
-Tested new methods for iPSC (induced pluripotent stem cell) generation and directed cardiac differentiation by experimenting with different methods of DNA delivery.
-Tested self-renewal capabilities of iPSCs through immunohistochemistry and teratoma formations.
-Trained researchers new to tissue culture.

EDUCATION

2004 – 2008 *University of California, Santa Barbara*
Bachelor of Science
Major: Molecular, Cellular and Developmental Biology

ACADEMIC HONORS & AWARDS

2008 Graduated with Academic Honors in Molecular, Cellular, and Developmental Biology

REFERENCES

Available upon request