ALPHONSO TRAN
FULL STACK WEB DEVELOPER

CONTACT

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SUMMARY

As a medical researcher who has refactored into a full stack web developer, I bring a fresh perspective to tech with strong analytical skills, adaptability, and open-mindedness. I decided to pursue tech in order to solve meaningful problems by building rapid, practical solutions with my own hands and a keyboard. My greatest joy is sharing this passion with like-minded individuals and coming up with creative answers to everyday problems.

SKILLS

Ruby on Rails, JavaScript, Solidity, React, React Native, NodeJS, HTML, CSS, SQL, ActiveRecord, TDD, Agile Development, Truffle, Git, Wireframing, Project Management, Object-oriented Design, RSpec, Jasmine, Heroku, Alexa Skills

EMPLOYMENT

Freelance Web Development Tutor and Content Developer
CareerFoundry
Berlin, Germany   Mar 2018 - Present
- Collaborate with team of instructional designers, editors, and subject matter experts to review and author course content for a full-stack Web Development course covering HTML, CSS, JavaScript, Node, Redux, and React.
- Tutor students through a 6-month career change course in HTML, CSS, JavaScript, and Ruby on Rails by reviewing code, providing supplemental learning materials, and giving constructive feedback and personal insights in areas where students are struggling.

Assistant Research Specialist
University of California - San Francisco
San Francisco, CA   Jun 2012 - Jun 2017
- Investigated acute inflammatory disorders such as sepsis in the endothelium.
- Managed project timelines and mastered handful of analytical skills using statistical software that were essential to projects in the lab and with other collaborators.
- Worked together with a team to publish 4 scientific journals.

Medical Internship
University of California - San Francisco
San Francisco, CA   May 2009 - Aug 2011
- Studied ligand-gated ion channels to improve understanding of anesthesia medicine.
- Developed highly specialized medical research procedures and analytic abilities.
- Published in Nature magazine.

PROJECTS

Election Solidity   May 2018 - Present
- An Ethereum smart contract between voters and candidates.
- A client-side application is included where users with their own private keys can cast one vote.
- Tech Stack: Solidity, Truffle, Ganache, JavaScript.
- Role: Frontend, Backend

NCI Clinical Trials Search   Apr 2018 - Present
- A website that helps users find clinical cancer trials based on location.
- Utilized agile development and REST
- Tech Stack: React, NCI Cancer Clinical Trials API, Google Maps API
- Role: Frontend, Backend

21 Forever   Aug 2017 - Sep 2017
- A mobile app that helps users develop new habits in a 21-day timespan.
- Utilized agile development practices to complete the project in a 6-day sprint with a 5-person team.
- Tech stack: React Native, Javascript, Ruby on Rails, Giphy API.
- Role: Frontend, Backend, Git Master.

Lab Tracker   Jul 2017 - Aug 2017
- A website that allows users to track and post lab protocols, experiments, and comments.
- Utilized agile development practices and REST.
- Tech Stack: Ruby on Rails.
- Role: Frontend, Backend, Git Master.

SELECTED PUBLICATIONS

The Journal of Immunology   Aug 2017
Lawton SK, Xu F, Tran A, Wong E, Prakash A, Schumacher M, Hellman J, Wilhelmsen K. N-Arachidonoyl Dopamine Modulates Acute Systemic Inflammation via Nonhematopoietic TRPV1. J Immunol. 2017 Aug 15;199(4):1465-1475
- Studied the impact of a dopamine (NADA) on acute inflammation.
- Managed research project timeline and coordinated schedules with team members.

Nature   Jan 2011
Nury H, Van Renterghem C, Weng Y, Tran A et al. X-ray structures of general anaesthetics bound to a pentameric ligand-gated ion channel. Nature. 2011 Jan 20; 469:428-431.
- Studied the physiological effects of general anesthetics on cells.
- Collected and analyzed data using our own data collection model and presented results to the team.

EDUCATION

Dev Bootcamp
Full Stack Web Developer 2017
An intensive 19-week full stack web development program focused on Ruby on Rails and Javascript through paired programming.

University of California-Berkeley
BA Molecular and Cell Biology 2009