

Contact

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www.linkedin.com/in/alan-wilder-08829032 (LinkedIn)

Top Skills

Ruby on Rails

JavaScript

HTML5

Alan Wilder

Full-Stack Web Developer

Raleigh-Durham-Chapel Hill Area

Summary

Full-stack web developer with experience in Ruby on Rails, AWS, and all the little things that go into building web apps.

Currently learning Elixir / Phoenix and working on individual projects full time.

Experience

Carpe

Director of Technology

February 2018 - January 2021 (3 years)

Raleigh-Durham, North Carolina Area

At Carpe Lotion, I build web applications so we can interface with our customers and the physicians that treat them.

sites that I have built and deployed:

mycarpe.com

md.carpelotion.com

affiliate.mycarpe.com

Chapel Hill High School

Biology / Physics Teacher

August 2014 - June 2017 (2 years 11 months)

Chapel Hill, NC

Chapel Hill High School is one of four schools in the state of North Carolina to make Newsweek top 500 High Schools in the Country. CHHS is the only non charter/middle college school recognized in NC.

USDA-ARS

Research Technician

August 2012 - June 2014 (1 year 11 months)

Charleston, SC

As a technician in the lab of Dr. Kai-Shu Ling, I worked extensively on genetic analysis of plant virus resistance using RT-PCR and Next Generation sequencing technologies combined with traditional plant breeding.

First authored publication: "Identification of SNPs Linked to the Papaya ringspot virus Resistance Trait in Bottle Gourd Using Genotyping-by-Sequencing" in the final stages of preparation.

Lab techniques utilized: qPCR, NGS library preparation, sequencing, and data analysis.

College of Charleston
Adjunct Faculty - Chemistry
January 2013 - May 2014 (1 year 5 months)
Charleston, SC
Chemistry Lab Instructor

Trident Technical College
Adjunct Faculty - Chemistry
August 2012 - December 2012 (5 months)
North Charleston, SC
Chemistry Lab Instructor

Fusion Academy
Teacher / Mentor
November 2011 - June 2012 (8 months)
Hermosa Beach, CA

Experimental private school for grades 6-12 where every course is taught one-on-one

Medical University of South Carolina
Research Specialist - Biochemistry
October 2006 - May 2008 (1 year 8 months)
Charleston, SC

Skills Utilized: microarray analysis, lipidomic profiles, qPCR, yeast cell culture

Wilder AJ, Cowart LA. "A Systems Approach in Demonstrating Sphingolipid-dependent transcription in stress responses." Methods in Molecular Biology 2008; 477:369-81.

Education

University of California, Davis

M.S., Biophysics · (2008 - 2011)

College of Charleston

B.S., Biochemistry · (2003 - 2006)