ANNE VETTO SOFTWARE ENGINEER

LinkedIn   GitHub   (602)616-4302   vettoap@gmail.com

Creative developer with background in neuroscience research seeking opportunities in frontend software development

SKILLS

Proficient: JavaScript, React, Redux, Angular, HTML/CSS, Git

Working Proficiency: Python, SQL

Prior Experience: Ruby on Rails

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

SEPTEMBER 2008 - JUNE 2013

B.S. Physiology & Neuroscience, 2013

EXPERIENCE

NATIVE INSTRUMENTS / Sounds.com — *Frontend Software Developer*

MARCH 2018 - OCTOBER 2018

- Performed frontend development for the Sounds.com client-facing and platform teams
- Implemented localization of application and wrote user sounds library capability, promotional features for marketing, and foundational modules for Maschine desktop integration
- Built greenfield microsite for the SDK

AGE OF LEARNING / ABCmouse.com — *Software Engineer*

JUNE 2016 - MARCH 2018

- Performed frontend web development, maintenance and full stack troubleshooting for highly visible, performant and accessible corporate sites and the enterprise management system that helps provision a top-ranked children's digital education program to schools and libraries

HACKBRIGHT ACADEMY / THE WALT DISNEY CO. — *Instructor*

FEBRUARY 2016 - JUNE 2016

- Effected the transition of women at The Walt Disney Co. into software engineering roles by pioneering an internal bootcamp and teaching fundamentals of object-oriented programming and full stack web development

LOGICAL REALITY DESIGN — *Junior Software Engineer*

AUGUST 2015 - FEBRUARY 2016

- Developed web applications in pure Ruby on Rails and hybrid AngularJS framework (Xing), utilized TDD, made a CLI tool and participated as a Rails Girls LA coach

ICROSSING — *Software Engineering Intern*

JUNE 2015 - JULY 2015

- Prototyped a gamified physical interface for the engineering team's build process

CLEVELAND LAB IN THE LUDWIG INSTITUTE FOR CANCER RESEARCH — *Research & Lab Assistant*

JUNE 2013 - DECEMBER 2014 | MAY 2009 - SEPTEMBER 2012

- Studied the contribution of mutations in genes encoding DNA/RNA-binding proteins to neurodegeneration in ALS, as well as the role of neural supporting cells in ALS pathogenesis
- Performed necessary genotyping, tissue collection, immunohistochemistry, imaging, troubleshooting and data analysis in ALS research, specifically studied mutant SOD1 toxicity in ALS pathogenesis

AWARDS & PUBLICATIONS

L'Oreal Women in Digital Full Scholarship, 2015. Hackbright Academy Winter 2015 Software Engineering Fellowship

ALS/FTD-Linked Mutation in FUS Suppresses Intra-axonal Protein Synthesis and Drives Disease Without Nuclear Loss-of-Function of FUS. Lopez-Erauskin et al. Neuron (2018), https://doi.org/10.1016/j.neuron.2018.09.044

Enhancing mitochondrial calcium buffering capacity reduces aggregation of misfolded SOD1 and motor neuron cell death without extending survival in mouse models of inherited amyotrophic lateral sclerosis. Parone, P.A. et al. Journal of Neuroscience (2013) Vol. 33 (11): 4657-4671.

Elevated PGC-1alpha activity sustains mitochondrial biogenesis and muscle function without extending survival in a mouse model of inherited ALS. Da Cruz, S. et al. Cell Metabolism (2012) Vol. 15 (5): 778-786.