Anne Vetto SOFTWARE ENGINEER

VETTOAP@GMAIL.COM **EMAIL**
(602) 616-4302 **PHONE**
/IN/ANNEPVETTO **LINKEDIN**
ANNIEE **GITHUB**

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

PROGRAMMING EXPERIENCE

FRONTEND SOFTWARE DEVELOPER
NATIVE INSTRUMENTS / SOUNDS.COM, MAR 2018-OCT 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. Helped found and was primary organizer of "Native Tech Night"

SOFTWARE ENGINEER
AGE OF LEARNING / ABCMOUSE.COM, JUN 2016-MAR 2018

Performed frontend web development 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

INSTRUCTOR
HACKBRIGHT ACADEMY / THE WALT DISNEY CO., FEB 2016-JUN 2016

Effected the transition of women from various backgrounds at The Walt Disney Company into software engineering roles by leading a pioneer internal bootcamp and teaching fundamentals of object-oriented programming and full stack web development

JUNIOR SOFTWARE ENGINEER
LOGICAL REALITY DESIGN, AUG 2015-FEB 2016

Developed web applications in pure Ruby on Rails and hybrid framework (Xing), that combines a Ruby on Rails backend with an AngularJS frontend, made a CLI tool and participated as a Rails Girls LA coach

SOFTWARE ENGINEERING INTERN
iCROSSING, JUN 2015-JUL 2015

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

RESEARCH EXPERIENCE

RESEARCH ASSISTANT
CLEVELAND LAB IN THE LUDWIG INSTITUTE FOR CANCER RESEARCH, JUN 2013-DEC 2014

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

LAB ASSISTANT
CLEVELAND LAB IN THE LUDWIG INSTITUTE FOR CANCER RESEARCH, MAY 2009- SEPT 2012

Performed necessary genotyping, tissue collection, immunohistochemistry, imaging, troubleshooting and data analysis in ALS research, specifically studied mutant SOD1 toxicity in ALS pathogenesis

EDUCATION

B.S. PHYSIOLOGY & NEUROSCIENCE, 2013
UNIVERSITY OF CALIFORNIA, SAN DIEGO, SEPT 2008-JUN 2013

PROGRAMMING SKILLS

Proficient: JavaScript, React, Redux, Angular, HTML/CSS, Git
Working Proficiency: Python, SQL
Prior Experience: Ruby on Rails

PUBLICATIONS

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., Da Cruz, S., Han, J.S., McAlonis-Downes, M., Vetto, A.P., Lee, S.K., Tseng, E., and Cleveland, D.W. 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., Parone, P.A., Lopes, V.S., Lillo, C., McAlonis-Downes, M., Lee, S.K., Vetto, A.P., Petrosyan, S., Marsala, M., Murphy, A.N., Williams, D.S., Spiegelman, B.M., and Cleveland, D.W. Cell Metabolism (2012) Vol. 15 (5): 778-786.