

**Karly Maruyama**[karlypaige@yahoo.com](mailto:karlypaige@yahoo.com)

(415)690-5299

San Diego, CA

**FULL STACK PROGRAMMER**<https://github.com/karlypaige><https://www.linkedin.com/in/karly-maruyama><https://karlypaige.github.io/Responsive/index.html>

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**Summary**

Full Stack Candidate highly adaptable, self-motivated and goal-oriented professional committed to pursuing a long-term career in Data and Computer Science. Offer a 20-year track record demonstrating strong analytical and problem-solving skills, computer proficiency, and ability to follow through with projects from inception to completion.

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**Skills**

Advanced: HTML, CSS, Javascript, JQuery, logic and reasoning, data visualization and analysis, organization and teamwork  
Proficient: Python, SQLite, MySQL, C/C++, Java, php, node.js, React  
Expert: visual communication, creative problem solving and strategic thinking

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**Recent Projects**

Illustration web page:

<https://karlypaige.github.io/Responsive/index.html>

Analysis of UCI Machine Learning Repository Hypothyroid Data Set:

<https://github.com/karlypaige/Fundamentals-Capstone-Hypothyroid>

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**Education**

UNIVERSITY OF CALIFORNIA, SAN DIEGO EXTENSION	2021
CODING BOOTCAMP, FULL STACK FLEX – in progress	
<ul style="list-style-type: none"> <li>HTML5, CSS3, Javascript, JQuery, Node.js, MySQL, and React.</li> <li>Fast-paced, immersive, collaborative coding program</li> </ul>	
UNIVERSITY OF CALIFORNIA, SAN DIEGO EXTENSION	2021
Front End Development Certificate – in progress.	
<ul style="list-style-type: none"> <li>HTML, CSS3, Javascript</li> </ul>	
UNIVERSITY OF CALIFORNIA, SAN DIEGO EXTENSION	2015
Life Sciences Information Technology Certificate	
<ul style="list-style-type: none"> <li>Object oriented programming rooted in C/C++, Java, Biostatistics, Machine Learning and Pattern Recognition</li> </ul>	
UNIVERSITY OF CALIFORNIA, SANTA CRUZ EXTENSION	2006
Science Illustration Graduate Certificate	
<ul style="list-style-type: none"> <li>Clear, concise, effective visual communication in both traditional mediums: pencil/ink, color pencil, water color, acrylic, etc. and digital mediums: Adobe Creative Suite: Photoshop, Illustrator, Dreamweaver, InDesign</li> </ul>	
UNIVERSITY OF CALIFORNIA, DAVIS	1999
BS Physiology, (Minor in Studio Art)	
<ul style="list-style-type: none"> <li>Focus on Comparative Physiology, Neuroscience and Behavior</li> <li>Education Abroad Program to Wollongong Australia (1 year)</li> </ul>	

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**Employment History**

DART NEUROSCIENCE	San Diego, CA
Associate Scientist III – Department of Cellular Biology	Jan 2017 – Feb 2018
<ul style="list-style-type: none"> <li>In Vitro models of cortical neural signaling mechanisms related to memory and learning in primary neuronal cell cultures.</li> </ul>	
Associate Scientist III – Department of NeuroGenetics	Jul 2015 – Dec 2016
Associate Scientist II – Department of NeuroGenetics	Jun 2011 – Jun 2015
<ul style="list-style-type: none"> <li>In Vivo models of learning and memory.</li> </ul>	
UNIVERSITY OF CALIFORNIA, SAN DIEGO	San Diego, CA
Research Associate - Department of Cancer Research	Mar 2010 – Mar 2011
<ul style="list-style-type: none"> <li>Orthotopic and genetic mouse models of pancreatic cancer research.</li> </ul>	

More employment and References upon request.