Samer Metri

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EDUCATION

University of California, Irvine <div align="right">**Irvine, California**</div>
Bachelor of Science, Biology <div align="right">*Expected Graduation: June 2018*</div>
Specialization in Genetics
GPA: 3.79 / 4.0 <div align="right">Honors: Dean's Honors List (8 Quarters)</div>

RESEARCH EXPERIENCE

Sue and Bill Gross Stem Cell Research Center, Seiler Lab <div align="right">**Irvine, California**</div>
Undergraduate Research Assistant <div align="right">*January 2017 - Present*</div>
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Sue and Bill Gross Stem Cell Research Center, Boiko Lab <div align="right">**Irvine, California**</div>
Undergraduate Research Assistant <div align="right">*October 2016 – June 2017*</div>
- Collected, imaged, and analyzed mouse squamous cell carcinoma tumors to determine the clonal contribution of stem-like cells using a rainbow reporter construct and fluorescent microscopy
- Performed immunohistochemistry staining to verify the presence of proteins markers and consulted with a pathologist to correctly identify different types of squamous cell carcinoma tumors

AntiCancer, Inc. <div align="right">**Irvine, California**</div>
Research Intern <div align="right">*May 2016 – September 2016*</div>
- Analyzed the effect of vitamin C on the rate of tumor metastasis following invasive surgery
- Cultured and prepared human cancer cells for mice injection and performed autopsies on surgical fatalities to examine the cause of death and minimize the rate of future surgical complications

Esser-Khan Laboratory <div align="right">**Irvine, California**</div>
Undergraduate Research Assistant <div align="right">*October 2015 – June 2016*</div>
- Conducted reactions and imaged the results in order to determine the best concentration and flow rate needed in order to fine tune future experiments to achieve optimal growth and etching in Polydimethylsiloxane polymers

WORK EXPERIENCE

UC Irvine, Office of Information and Technology <div align="right">**Irvine, California**</div>
Senior Network Consultant <div align="right">*January 2015 – Present*</div>
- Lead programmer tasked with creating and maintaining one of the help desk's most used tools
- Supervised day-to-day tasks of student employees, including hiring, training, and scheduling of student staff

Taza Systems <div align="right">**San Diego, California**</div>
Software Developer <div align="right">*May 2014 – September 2014*</div>
- Designed and developed a web application used to help with the automation of real estate inspection portfolios

SKILLS

Laboratory Skills: Cell culturing; Immunoprecipitation; Western blotting; Mice injections; Basic mice surgical procedures; Cryostat sectioning; Zeiss Fluorescence Microscope; Nikon Ti-E Inverted Microscope; Image Acquisition Pro
Technical Skills: Microsoft Excel; Image J; Adobe Photoshop; Adobe Illustrator
Programming Languages: R; Python; JavaScript; C-Sharp; Visual Basic; HTML; CSS

INVOLVEMENT

University of California, Irvine Medical Center <div align="right">**February 2017 – Present**</div>
Hospital Volunteer <div align="right">*Orange County, California*</div>

Lestonnac Free Clinic <div align="right">**December 2017 – Present**</div>
Student Volunteer <div align="right">*Orange County, California*</div>

Pre-Student Osteopathic Medical Association <div align="right">**October 2017 – Present**</div>
Active Member <div align="right">*Irvine, California*</div>

Senior Research Project, Department of Physical Medicine & Rehabilitation <div align="right">**January 2017 – Present**</div>
UC Irvine, Undergraduate Research Opportunities Program <div align="right">*Irvine, California*</div>