ANDY THAI
CURRICULUM VITAE

Ph.D. Student
Department of Computer Science
University of California, Irvine

Updated: Aug 7, 2019
andy.thai@uci.edu
www.andyth.ai

RESEARCH OBJECTIVE

Ph.D. student in Computer Science at UC Irvine's School of Informatics and Computer Science, seeking to leverage previous research and work experiences to undertake opportunities within **computer graphics, animation, image processing, and machine learning**.

EDUCATION

Sep 2018 - present	**University of California, Irvine**, Irvine, CA Donald Bren School of Informatics and Computer Sciences Ph.D. Computer Science Advisor: Prof. Gopi Meenakshisundaram
Sep 2014 - Jun 2018	**University of California, San Diego**, La Jolla, CA Department of Mathematics Department of Cognitive Science B.S. Mathematics-Computer Science B.S. Cognitive Science with Specialization in Human-Computer Interaction

EMPLOYMENT

Feb 2019 - present	**University of California, Irvine**, Irvine, CA Leadership Coach – Graduate Division, DECADE PLUS
Sep 2018 - present	**University of California, Irvine**, Irvine, CA Graduate Teaching Assistant – Department of Computer Science
Dec 2015 - Sep 2018	**University of California, San Diego**, La Jolla, CA Research Assistant – Department of Cognitive Science, Chiba Lab Supervisor: Prof. Andrea Chiba
Sep 2015 - Jun 2016	**University of California, San Diego**, La Jolla, CA Office & Supplies Manager – Retirement Association

AWARDS AND HONORS

Jun 2019	Mentoring Excellence Certification, UCI
Feb 2018	Dean's Award Fellowship, UCI
Jul 2017	Student Foundation Scholarship, UCSD
2015	Darcy & Robert Bingham Scholarship, UCSD
2014 - 2018	Provost Honors, UCSD
Sep 2014	Chancellor's Scholarship, UCSD

CONFERENCES

Posters

P.1	Aguilar-Rivera M, Gygi E, **Thai A**, Matsumoto J, Nishijo H, Coleman T, Quinn L and Chiba A. Real-time tools for the classification of social behavior and correlated brain activity in rodents. *Society for Neuroscience*, 2018.

PRESENTATIONS

Nov 2018	RUBI-PAL Robotics. *Contextual Robotics Institute Forum: Healthcare Robotics*, La Jolla, CA
Nov 2017	RUBI-PAL Robotics. *Contextual Robotics Institute Forum: Healthcare Robotics*, La Jolla, CA
May 2017	RUBI-PAL Robotics. *UCSD Innovation Night 2017*, La Jolla, CA

TEACHING

University of California, Irvine

Jun 2019 - Aug 2019	Teaching Assistant for ICS 33: *"Intermediate Programming"*, Department of Computer Science, taught by Neftali Watkinson
Mar 2019 - Jun 2019	Reader for ICS 45C: *"Programming in C++ as a Second Language"*, Department of Computer Science, taught by Alex Thornton
Jan 2019 - Mar 2019	Teaching Assistant for ICS 32: *"Programming w/ Software Libraries"*, Department of Computer Science, taught by Alex Thornton
Sep 2018 - Dec 2018	Teaching Assistant for ICS 33: *"Intermediate Programming"*, Department of Computer Science, taught by Richard E. Pattis

University of California, San Diego

Jan 2018 - Mar 2018	Instructional Assistant for COGS 189: *"Brain-Computing Interfaces"* Department of Cognitive Science, taught by Prof. Virginia de Sa

Palo Alto Math Enrichment

May 2015 - Jul 2015	Teaching Assistant for *"Common Core State Standards, Mathematics and Language Arts"*
May 2014 - Jul 2014	Teaching Assistant for *"Algebra 2"*

OUTREACH

Articles

| Nov 2018 | **Thai, A**. CS in C.S. *Chancellor's Scholar's Journal*, p. 8-9. |

Service and Leadership

2019 - 2020	*Leadership Coach* DECADE PLUS, UCI
2017 - 2018	*Newsletter Writer* Chancellor's Scholars Program, UCSD
2017 - 2018	*Vice-President* Chancellor's Scholars Alliance, UCSD
2015 - 2018	*Peer Mentor* Chancellor's Scholars Program, UCSD
2015 - 2017	*Webmaster & Communications Chair* Chancellor's Scholars Alliance, UCSD
2015	*Section Director* Sixth College ComicCon, UCSD
2014 - 2015	*Overnight Stay Program Board Coordinator* Scholars' Society, UCSD

SKILLS

Programming

Python, C++, C, MATLAB, Java, LaTeX, HTML, CSS, Javascript, Bash shell scripting

Software Tools

OpenCV, Keras, Tensorflow, scikit-learn, Jupyter

Unity, OpenGL, GLSL, Oculus VR, VTK Visualization Toolkit

Windows, Linux, macOS

Topics

Computer graphics and visualization, animation, computer vision, machine learning, neuroscience, cognitive science, human-computer interaction, animal behavior

LANGUAGES

English, native proficiency

Vietnamese, professional working proficiency

PROFESSIONAL AFFILIATIONS

ACM SIGGRAPH

Society for Neuroscience

IEEE-Eta Kappa Nu (IEEE-HKN), Kappa Psi