

Kenneth Clayton McKell

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Education

- **University of Hawai'i at Mānoa** Honolulu, HI
Doctor of Philosophy in Electrical Engineering *In Progress*
– Advisor: Prof. Gürdal Arslan
- **University of California Los Angeles** Los Angeles, CA
Master of Science in Mechanical Engineering *2007*
– Advisor: Prof. Jeff Shamma
- **University of California Los Angeles** Los Angeles, CA
Bachelor of Science Summa Cum Laude in Mechanical Engineering *2006*

Honors and Awards

ARCS-Honolulu Kresser Award in Engineering *2010*
UH Mānoa Electrical Engineering Departmental Fellowship *2007*
UCLA Mechanical and Aerospace Engineering Departmental Fellowship *2006*
Northrop Grumman Foundation Scholarship *2005*
University of California Regents Scholarship (4-Year) *2002*

Research Experience

- **UH Mānoa Electrical Engineering Dept.** Honolulu, HI
Graduate Assistant *Aug. 2007 - Present*
– Advisor: Prof. Gürdal Arslan
- **University of Colorado** Boulder, CO
Electrical, Computer and Energy Engineering Dept.
Visiting Researcher *Jan. 2010 - May 2010*
– Sponsor: Prof. Jason Marden
- **California Institute of Technology Computer Science Dept.** Pasadena, CA
Visiting Researcher *Aug. 2008*
– Sponsor: Prof. Adam Wierman

Teaching Experience

- **Teaching Assistant** UH Mānoa
EE 211: Basic Circuit Analysis I Lab *Aug. 2013 - Dec. 2013*
- **Teaching Assistant** UH Mānoa
EE 351L: Linear Feedback-Control Systems Lab *Jan. 2013 - May 2013*
- **Teaching Assistant** UH Mānoa
EE 211: Basic Circuit Analysis I Lab *Jan. 2013 - May 2013*

- **Teaching Assistant** UH Mānoa
Phys 152L: General Physics Lab II Aug. 2012 - Dec. 2012
- **Instructor** Akamai Workforce Initiative
Maui Short Course Jun. 2012
- **Teaching Assistant** UH Mānoa
EE 341L: Communication Systems Laboratory Aug. 2009 - Dec. 2009
- **Teaching Assistant** UCLA
MAE 107L: Dynamic Systems Laboratory Apr. 2007 - Jun. 2007

Work Experience

- **Honeywell Aerospace** Torrance, CA
Intern Jun. 2005 - Sep. 2005
- **Kennedy/Jenks Consultants: Engineers & Scientists** Palo Alto, CA
Intern Jun. 2004 - Sep. 2004

Professional Development

- Professional Development Program. Institute for Scientist and Engineer Educators and Akamai Workforce Initiative. Hawaii, 2012.
- Workshop: Rethinking Science and Engineering Learning and Teaching. Institute for Scientist and Engineer Educators. Pukalani, HI. Jan, 2009.

Professional Activities

- Student member of IEEE: 2008 - *Present*

Professional Service

- Volunteer, 51st IEEE Conference on Decision and Control
- Referee, 3rd IFAC Workshop on Distributed Estimation and Control in Networked Systems
- Referee, 2011 International Conference on Network Games, Control and Optimization
- Referee, 2011 International Conference on Social Computing, Behavior-Cultural Modeling & Prediction
- Referee, 49th IEEE Conference on Decision and Control
- Referee, 2009 IEEE International Conference on Communications

Skills

Applications: Matlab, Simulink, L^AT_EX, Python, HTML, CSS