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

- **UCLA Mechatronics Lab** Los Angeles, CA
  Undergraduate Researcher *Sep. 2005 - Dec. 2005*
  - Advisor: Prof. Tsu-Chin Tsao

Teaching Experience

- **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*
- **UCLA Mechanical and Aerospace Engineering Dept.**   Los Angeles, CA
  Reader   *Jan. 2005 - Mar. 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, LaTeX, Python, HTML, CSS

Languages: English and conversational Spanish

Last Update: 18 January 2013