

Mark E. Strickland

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EDUCATION

Arizona State University, Tempe, Arizona

Ph.D. student in Computer Science, 2016 – Present

- Research and Teaching Associate in the Interactive Robotics Laboratory of Prof. Heni Ben-Amor focused on Artificial Intelligence, Deep Learning Networks, and Autonomous/Assisted Vehicles.

Northwestern University School of Law, Chicago, Illinois

Juris Doctor, May 1999

- Managing Editor, *Journal of Criminal Law & Criminology*

University of Cincinnati, Cincinnati, Ohio

Bachelor of Science in Aerospace Engineering, June 1991 (Magna Cum Laude)

EXPERIENCE

Perkins Coie LLP, Phoenix, Arizona

Partner, 2002 – 2015

- Litigated cases in courts throughout the country, including Section 337 investigations before the U.S. International Trade Commission and proceedings before various federal district courts.
- Litigated patents in the fields of mobile handsets, semiconductors, machine vision, processor architecture, power management, and other computer-related hardware and software technologies.

United States Court of Appeals for the Federal Circuit, Washington, D.C.

Judicial Clerk for the Hon. Richard Linn, Circuit Judge, 2001 – 2002

Dickstein Shapiro LLP, Washington, D.C.

Associate, 1999 – 2001

- Drafted and prosecuted patents in the fields of semiconductor manufacturing, DRAM, SRAM, electrical/electronic systems, and satellite mapping.

University of Chicago, Chicago, Illinois

Systems Programmer, 1995 – 1996

- Managed computer resources for The James Franck Institute.
- System administration support to Departments of Physics and Chemistry.

NASA Langley Research Center, Hampton, Virginia

Aerospace Engineer, 1991 – 1994

- Developed mathematical models and simulations of experimental aircraft from wind-tunnel test data.
- Analyzed control system candidates for improved yaw control at high angle-of-attack.

PUBLICATIONS

Strickland, Mark, Georgios Fainekos, and Heni Ben Amor. "Deep Predictive Models for Collision Risk Assessment in Autonomous Driving." *arXiv preprint arXiv:1711.10453* (2017) (accepted for publication at ICRA2018, May 21-25, 2018).

Messina, Michael D., Mark E. Strickland, Keith D. Hoffler, Susan W. Carzoo, W. Thomas Bundick, Jessie C. Yeager, and Fred L. Beissner Jr. "Simulation Model of the F/A-18 High Angle-of-Attack Research Vehicle Utilized for the Design of Advanced Control Laws," NASA-TM-110216 (1996).