

VIJAY KOWTHA

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EDUCATION

CBMSE/NRL ASEE Postdoctoral Fellow <i>Design Cell Based Microsensor</i>	July 1995
NINDS/(LB/NIH) NRC Postdoctoral Fellow <i>Study Chaotic Dynamics in Neural Systems</i>	Oct. 1992
Rutgers University, Piscataway NJ <i>Study Chaos in Cardiac Cells</i>	Oct. 1989
PhD Biomedical Engineering ECE Dept.	
New York University, Brooklyn Poly Campus <i>Model Excitable Systems</i>	May 1985
MS Bioengineering	
New York University, Courant Institute New York NY	May 1983
BS Applied Math	
Franklin D. Roosevelt HS Brooklyn NY	June 1980

PROFESSIONAL EXPERIENCE

Center for Bio/Molecular Science & Engineering Naval Research Laboratory <i>Research Biologist</i>	Washington DC 07/95 - 10/98
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- Led the IT and Neuron Interest Group
- Collaborated with NIH/FDA/USUHS
- Worked on SOCOM Funded Efforts in Cell Based Sensor

US Naval Research Labs, Tactical EW Division <i>Electronics Engineer</i>	Washington DC 10/98 – 11/03
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- Project: Mission & Situational Manager
- Funding: ONR/OPNAV

US Office of Naval Research Global C4ISR <i>Associate Director</i>	London UK 11/03 – 08/06
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- Funded Research in Autonomy
- Organized Workshops in Knowledge Representation (KSCO)
- Supported NATO STANAG on Data Links
- Worked on Triservice USUK Information Technology Alliance
- Organized Coalition IT for Military Operations(CITMO) Working Group

US Naval Research Laboratory, Tactical EW Division <i>Branch Consultant</i>	Washington DC 08/06-date
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- Publications in Swarm Theory

TEACHING

Univ. Maryland College Park <i>Associate Faculty</i>	08/06 - present
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- Volunteer in Classroom and teach courses in Autonomy