

# KIMBERLY KING

TECHNICAL WRITER  
RENEWABLE ENERGY ENGINEER

## EXPERIENCE

- CONTRIBUTOR & REVIEWER**  
2017

**PLEA 2017** | Water & Waste Forum  
Scientific Committee participant and reviewer of papers on issues of efficiency, innovative thinking that can solve water and waste problems.
- TECHNICAL WRITER**  
1999-PRESENT

**SELF-EMPLOYED (FREELANCE CONSULTANT)**  
Research, design, edit, write, revise compelling technical copy and stories for general and global audiences. Streamline documentation work flow.
- RENEWABLE ENERGY ENGINEER**  
2007-PRESENT

**OUT THINK THE BOX (FREELANCE CONSULTANT)**  
Provide sustainable development, engineering and technical advisory services utilizing RESTs, energy efficiency, and conservation.
- CONTRIBUTOR**  
2015-PRESENT

**LAND-ACTION.ORG**  
Design, plan, develop urban adaptation strategies for water-resource management, and hyper-intense urban farming. Develop a human excreta management schema for application as an urban sanitation alternative.
- SR. TECHNICAL WRITER | RESEARCH ENGINEER**  
2012

**SSN | UH-HNEI | DOE GRID, PHOTOVOLTAIC & BATTERY SMART GRID INVERTER PROJECT**  
Wrote first technical copy draft of a nascent smart grid communications protocol standard.
- PROJECT ENGINEER**  
2009-2012

**SILVERCREST ENERGY AND AUTOMATION**  
Conduct wind and hydrokinetic research, and analysis for energy conservation, maximizing of resource efficiencies and system integration.
- PROJECT ENGINEER**  
2006

**RUMSEY ENGINEERS**  
Define data control points, monitoring equipment and data visualization software selection for energy and resource performance monitoring.
- SR UNIX SYSTEMS & WEB ADMINISTRATOR**  
1994-2005

**FREELANCE**  
Perform the duties of a Sr UNIX Systems Administrator, Programmer, and Web Architect at high-profile computer science companies.

## INTERESTS



wind



solar



hydrokinetic



biomass

## PROFILE

Disruptive technologist, technical writer, renewable energy engineer, web content management, copy editor, and communications specialist in renewable energy systems technologies (RESTs), and sustainable development.

Out thinking the box...

## CONTACT



+1 415 832 9084



[kimgerly@outthinkthebox.net](mailto:kimgerly@outthinkthebox.net)

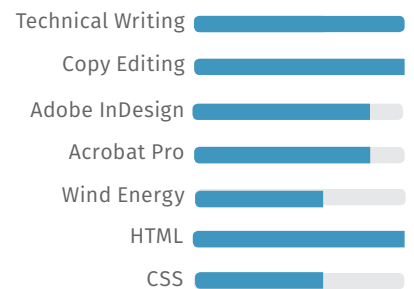


[www.outthinkthebox.net](http://www.outthinkthebox.net)



Houston, TX, 77249  
USA

## SKILLS



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# KIMBERLY KING

TECHNICAL WRITER  
RENEWABLE ENERGY ENGINEER

## EDUCATION

**PgDipl/MSc in  
Renewable Energy  
Systems Technology**

### LOUGHBOROUGH UNIVERSITY (UK)

Post-graduate coursework in mechanical engineering, electrical engineering and sustainable development at CREST.

**CONTINUING EDUCATION**

### LANEY COLLEGE (OAKLAND, CA, USA)

Hands-on training in Machining, Welding, Electrics, OSHA Safety, Blueprint Reading, CNC

**BSc Candidate in  
Renewable Energy  
Engineering**

### OREGON INSTITUTE OF TECHNOLOGY (OR, USA)

Continuing education coursework in electrical fundamentals, fluid mechanics, heat transfer, photovoltaic materials science.

**BSc in  
Mathematics**

### GEORGIA STATE UNIVERSITY (ATLANTA, GA, USA)

Pursued general mathematics and engineering coursework. Cross-enrolled at the Georgia Institute of Technology.

## SKILLS

**WIND ENERGY SYSTEMS  
2008-PRESENT**

### ENGINEER

Perform micro-siting of wind resources, data acquisition, data validation and reporting. Decommission a small wind turbine.

**PHOTOVOLTAIC SYSTEMS  
2004-PRESENT**

### ENGINEER

Perform residential solar site assessments and analysis, photovoltaic (PV) design and installation.

**SYSTEMS ANALYSIS  
2012-2015**

### WEB ARCHITECT

Evaluate, recommend, and install technologies, information design methods, analyze system deficiencies and implement solutions.

**ENERGY MONITORING  
2006**

### PROJECT ENGINEER

Benchmark energy and resource building performance monitoring on the Carnegie Institution Global Ecology Center building.

## PROFESSIONAL AFFILIATIONS | CERTIFICATIONS



ises



ei



ucs-usa



osha

## STRENGTHS

- Strategizing
- Provoking innovative evaluation, development, and implementation
- Taking bold, decisive, definitive action identifying and revealing solutions others don't realize
- Identify opportunities for developing and implementing everyday brilliance for disaster resilience
- Agile networker, build strategic alliances utilizing conventional/unconventional approaches
- Working in collaborative teams
- Composing concrete, concise, clear technical documentation
- User innovation

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