

# Kenneth Kollias

- Email me on Indeed: [indeed.com/r/Kenneth-Kollias/eb6b80afb6f8b119](https://www.indeed.com/r/Kenneth-Kollias/eb6b80afb6f8b119)

- Driven engineering leader with 8 years of project management and electrical design experience and 10 years of undergraduate/graduate education.
  - Proven skills in effectively leading and managing a team of 20+ engineers.
  - Highly effective problem solving and coaching abilities.
  - Exceptional written and verbal communication skills.
- Authorized to work in the US for any employer

## WORK EXPERIENCE

### Founder and President

CueMe, LLC - Marlton, NJ - July 2014 to Present

Founder and Creator of the CueMe App – [www.CueMeApp.com](http://www.CueMeApp.com)

- Started a company while working full-time with the mission of helping others.
- Self-taught iOS Swift and developed mobile app architecture.
- Created LLC and currently investing own money.
- Conducted 3 rounds of beta testing with friends and family.
- Wrote requirements for software developer to incorporate updates.
- Received Apple Store approval to launch May 28, 2016.
- Partnering with marketing professionals to ensure a successful launch in June 2016.

### Electrical Engineering Manager

Boeing - Ridley Park, PA - November 2012 to Present

Boeing Defense Systems - Electrical Wire Installation Design Team

Technical Team Leader on the H-47 Chinook Helicopter Program:

- Manage 20 engineers that design all the wire harnesses on the aircraft using CATIA V5, and provide work instructions for installing them.
- Manage cost, schedule, quality, risks, issues, and opportunities for eight domestic and international programs; budgets range between 4,000 and 32,000 man-hours.
- Align team processes to business strategies and objectives.
- Develop employees and motivate them to perform to their highest ability.
- Hold people accountable that do not meet expectations.
- Utilize technical knowledge to oversee engineering design, processes and specifications.
- Consistently solve technical problems.

Personal Accomplishments:

- Earned Value Management Silver Medallion Certification.
- Completed the Systems Engineering Leadership Program.
- Transitioned team from 2D Drawings to 3D Model-Based-Definition for Wire Harness Installation for the first time in the Vertical Lift division, which resulted in significant program savings and quality improvements on the MH-47G program.
- Developed new metrics to effectively manage cost and quality for team's performance.
- Developed a master schedule for wiring and equipment design maturity using Microsoft Project, which allows for timely support of proposals.

- Held interim manager positions for both Wire Design and Equipment Design teams for a total of 6 months in 2014 and 2015, while managing the Wire Installation team.

#### Team Achievements:

- Team's cost and quality performance improved >60% between Jan 2013 and Dec 2015.
- Implemented dozens of process improvements into our design to improve quality and decrease cost. Two examples include: color-coding wire harnesses in 3D space to assist in verifying wiring separation requirements, and coordinating new wiring disconnect panels across the air vehicle team. This increases commonality between programs and reduces final assembly terminations during the aircraft build in Ridley Park.

### **Electrical Engineer - Level 3**

Boeing - Ridley Park, PA - August 2012 to November 2012

Boeing Defense Systems - Electrical Equipment Design & Wire Design and Installation Teams

Mentor for Project Leads of Electrical Equipment Design & Wire Design and Wire Installation Teams for the MH-47G Program.

- Coached three Project Leads to effectively estimate and schedule their project, write accurate statements of work, communicate staffing needs with management, and assign and track work assignments effectively and efficiently.
- Provided technical oversight for wiring and electrical design to ensure project requirements and first time quality targets were met.

### **Electrical Engineer - Level 2**

Boeing - Ridley Park, PA - September 2011 to July 2012

Boeing Defense Systems - Electrical Equipment Design Team

Project Lead for Equipment Design Team for the MH-47G Program.

- Managed project schedule, staffing, earned value, and work assignments of 12 engineers.
- Coordinated with senior Project Leads to incorporate lessons learned from past programs.
- Executed program with CPI > 1 and SPI > 1.
- Mentored new-hires to the team.

### **Electrical Engineer - Level 1**

Boeing - Ridley Park, PA - May 2009 to August 2011

Boeing Defense Systems - Electrical Equipment Design Team

Co-Lead for Equipment Design Team for the Canadian CH-147F Program.

- Designed a variety of new electrical components for use on the aircraft using CATIA V5. Examples include power distribution panels, electrical junction boxes, cockpit avionics control panels, etc.
- Wrote statements of work, developed proposals, created executable schedules for new work, and assigned and tracked tasks for 15 engineers.
- Supported program milestones and provided daily status of team's progress to Chief Engineer and Program Manager.

Mentor and technical instructor for new-hires.

- Self-assigned the position.
- Setup required accounts and provided on-the-job training for employees, while maintaining own workload and responsibilities.

- Held knowledge-sharing lessons with multiple teams to educate others of tips and instructions in Philadelphia.

### **Student Engineering Intern**

Boeing - Ridley Park, PA - May 2008 to August 2008

Boeing Defense Systems - Equipment Design Installation Team

Equipment Design Engineer for the CH-46 Sea Knight Program

- Used CATIA V4 to create 3D models and 2D drawings of electronic overhead panel.

### **Student Researcher**

University of Arkansas - Fayetteville, AR - May 2007 to August 2007

University of Arkansas, Fayetteville, AR

Microelectronics-Photonics Graduate Program

Student researcher:

- Studied the wettability of glass textured using aluminum-induced crystallization of amorphous silicon.
- Developed all testing criteria under minimal supervision.
- Conducted all chemical applications, annealing, and measurements in Class 10 clean room.

Published two articles:

- Production of a superhydrophilic surface by aluminum-induced crystallization of amorphous silicon  
Kenneth Kollias, Hengyu Wang, Ying Song and Min Zou 2008 Nanotechnology 19 465304 (6pp)
- Proceedings of the ASME 2nd Integration & Commercialization of Micro and Nanosystems International Conference in Hong Kong

### **Electrician's Assistant**

Baldwin's Electric Shop Inc - West Chester, PA - June 2005 to 2006

19382

- Installed 8-14 gauge wire, coaxial cable, and phone lines to and from circuit breakers and electrical appliances, such as outlets, lights, driers, ovens, etc.

## **EDUCATION**

### **Master of Science in Electrical Engineering**

Drexel University - Philadelphia, PA

August 2009 to June 2013

### **Bachelor of Science in Electrical Engineering**

Pennsylvania State University - University Park, PA

January 2007 to May 2009

### **Certificate in Nanofabrication Manufacturing Technology**

Pennsylvania State University - University Park, PA

January 2007 to May 2007

### **Bachelor of Science in Applied Physics**

Shippensburg University - Shippensburg, PA

August 2003 to December 2006

## SKILLS

Microsoft Project (8 years), Microsoft Excel (10+ years), Microsoft Powerpoint (10+ years), Microsoft Visio (5 years), Microsoft Word (10+ years), CATIA V5 (6 years), C++ (2 years), Swift (1 year), MATLAB (2 years)

## PUBLICATIONS

### **Production of a superhydrophilic surface by aluminum-induced crystallization of amorphous silicon**

<http://www.ncbi.nlm.nih.gov/pubmed/21836242>

2008

### **Proceedings of the ASME 2nd Integration & Commercialization of Micro and Nanosystems International Conference in Hong Kong**

<http://proceedings.asmedigitalcollection.asme.org/proceeding.aspx?articleid=1623061>

June 5, 2008

## ADDITIONAL INFORMATION

### COMPUTER SKILLS:

Very Proficient in the following Business Software:

Microsoft Excel, Powerpoint, Word, Visio for reports, charts and presentations

Microsoft Project for scheduling and managing work

Proficient in the following Technical Software/Languages:

iOS Swift, CATIA V5, MATLAB, Mathematica, C++

### ADDITIONAL LEADERSHIP SKILLS:

Tau Kappa Epsilon International Fraternity

President, Aug 2005 - Dec 2005

Treasurer, Aug 2004 - May 2005