



## **REECE KIRIU, P.E., LEED AP BD+C**

### **SENIOR ENGINEER**

Reece Kiriou is a registered mechanical engineer at Taylor Engineering with both a B.S. and M.S. in Mechanical Engineering from Santa Clara University.

Mr. Kiriou previously worked as the Building Automation Systems Department Quality Assurance/Quality Control Manager and as a Senior Field Engineer at Air Systems in San Jose. At Air Systems, he was involved in all aspects of Building Automation Systems projects including project management, control system design, programming, installation and commissioning.

At Taylor Engineering, Mr. Kiriou has developed expertise in specifying building automation systems, developing sequences of operations, and commissioning. His experience in building automation system design and commissioning span mission critical facilities, central plants, museums, and large office buildings. Mr. Kiriou's responsibilities include HVAC systems design, HVAC control systems design, commissioning, Revit CAD drafting, and load and energy analysis using programs such as IES and DOE-2.

### **EDUCATION**

B.S. Mechanical Engineering,  
Santa Clara University, 2012

M.S. Mechanical Engineering,  
Santa Clara University, 2013

### **REGISTRATIONS**

Mechanical Engineer

California #37528

### **AFFILIATIONS**

American Society of Heating,  
Refrigeration, and Air-  
Conditioning Engineers

- Guideline 36, Member

- Guideline 13, Member

United States Green Building  
Council

### **YEARS OF EXPERIENCE**

5 years total

2 years with Taylor

Engineering



## SELECTED PUBLICATIONS

Automatic Fault Detection and Diagnostics and Hierarchical Fault Suppression in ASHRAE RP-1455, co-authored with Steven T. Taylor, ASHRAE Transactions, June 2017.

## REPRESENTATIVE PROJECTS

50 Fremont	San Francisco, CA, 817,000 ft <sup>2</sup> , BAS Retrofit and Cx
222 2 <sup>nd</sup> St.	San Francisco, CA, 450,200 ft <sup>2</sup> , SOO, RCx
401 Island Parkway – Oracle	Redwood City, CA, 100,000 ft <sup>2</sup> , HVAC & BAS Retrofit, Cx
501 Island Parkway – Oracle	Redwood City, CA, 100,000 ft <sup>2</sup> , HVAC & BAS Retrofit, Cx
600 Oracle Parkway – Oracle	Redwood City, CA, 270,000 ft <sup>2</sup> , Cx
940 Flower St. – DreamWorks	Glendale, CA, 69,000 ft <sup>2</sup> , BAS Retrofit
960 Flower St. – DreamWorks	Glendale, CA, 65,000 ft <sup>2</sup> , BAS Retrofit
1275 Market St. – Dolby HQ	San Francisco, CA, 315,000 ft <sup>2</sup> , BAS & Cx
1956 Webster St.	Oakland, CA, 45,000 ft <sup>2</sup> , BAS Retrofit & Cx
1999 Harrison St.	Oakland, CA, 490,000 ft <sup>2</sup> , BAS Retrofit & Cx
2201 Broadway	Oakland, CA, 198,000 ft <sup>2</sup> , HVAC & BAS Retrofit, Cx
5928 Stoneridge Mall Rd.	Pleasanton, CA, 210,000 ft <sup>2</sup> , HVAC & BAS Retrofit, Cx
Kaiser Vallejo CUP-1 Building	Vallejo, CA, OSHPD HVAC & BAS Retrofit, Cx
Kaiser Vallejo Medical Office Building	Vallejo, CA, 250,000 ft <sup>2</sup> , HVAC & BAS Retrofit, Cx
Li Ka Shing Exhaust Fan Optimization	Berkeley, CA, BAS Retrofit & Cx
LinkedIn Middlefield Campus	Mountain View, CA, 755,000 ft <sup>2</sup> , BAS Design
NDA 20 MW Data Center	Santa Clara, CA, BAS Retrofit & Cx
Newark Civic Center Library	Newark, CA, 25,500 ft <sup>2</sup> , HVAC and BAS Design
Newark Civic Center Police Building	Newark, CA, 19,100 ft <sup>2</sup> , HVAC and BAS Design
Oceanwide Towers	San Francisco, CA, 2,100,000 ft <sup>2</sup> , HVAC and BAS Design
San Mateo Hall of Justice	San Mateo, CA 320,000 ft <sup>2</sup> , BAS Retrofit
San Mateo Medical Center	San Mateo, CA, 360,000 ft <sup>2</sup> , BAS Retrofit & Cx
SFMOMA	San Francisco, CA, 486,000 ft <sup>2</sup> , BAS & Cx
Sonoma State University CUP	Sonoma, CA, BAS & Cx

## RESEARCH PROJECTS

ASHRAE RP-1711 Advanced Sequences of Operation for HVAC Systems – Phase II Central Plants and Hydronic Systems

EPIC Best in Class: Demonstrating Scalable Operational Efficiency Through Optimized Controls Sequences and Plug and Play Solutions