



## **Item 4.3: Summer Interns Presentation**

*Michelle Hoskins*  
Manager, Recruiting

Board of Directors Meeting

ERCOT Public  
August 7, 2018

## 2018 Summer Interns

- 27 students representing 12 universities and colleges across the U.S. / 1 in Europe
- Contributed to 25 different departments this summer
- Recruiting received more than 2,000 applications for 27 summer internship openings



# 2018 Summer Interns Attend the Following Universities

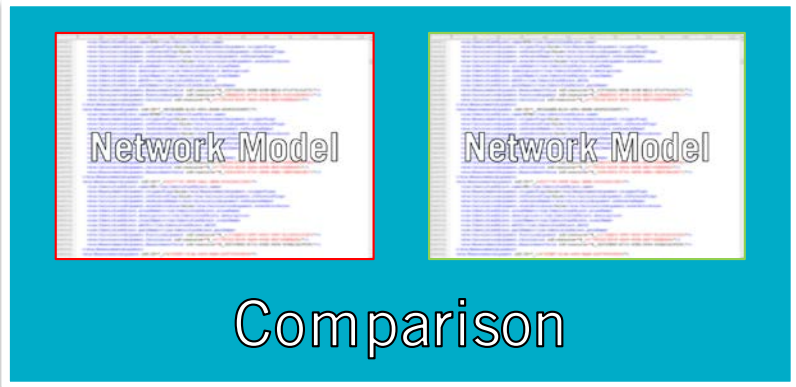
Austin Community College	Texas Tech University
Baylor University	University of Texas – Austin University of Texas – Dallas University of Texas Health Science Center – Houston
Brigham Young University	University of Houston
Delft University of Technology – Netherlands	Utah Valley University
Mississippi State University	Virginia Tech University
Texas A&M University	

## Ethan Santoni-Colvin

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B.S. Electrical Engineering  
University of Texas at Austin (2021)

ERCOT Internship  
2018 Network Modeling



Delta Report

Category	Item	Value	Unit
Voltage	115KV	115.000	kV
	138KV	138.000	kV
	230KV	230.000	kV
	345KV	345.000	kV
	500KV	500.000	kV
	69KV	69.000	kV
	115KV	115.000	kV
	138KV	138.000	kV
	230KV	230.000	kV
	345KV	345.000	kV
Power	115KV	115.000	kW
	138KV	138.000	kW
	230KV	230.000	kW
	345KV	345.000	kW
	500KV	500.000	kW
	69KV	69.000	kW
	115KV	115.000	kW
	138KV	138.000	kW
	230KV	230.000	kW
	345KV	345.000	kW
Current	115KV	115.000	kA
	138KV	138.000	kA
	230KV	230.000	kA
	345KV	345.000	kA
	500KV	500.000	kA
	69KV	69.000	kA
	115KV	115.000	kA
	138KV	138.000	kA
	230KV	230.000	kA
	345KV	345.000	kA

Problem

Non-standard,  
workflow takes  
> 3 hours

Solution

CIMSpy + Python

- Impact
- Resources saved
  - Proof of concept
  - Standard established

Result

3 hr. → 15 min.  
Additional functionality added

## Anna Fox

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BBA Supply Chain Management

Austin Community College

Texas A&M University (2021)

ERCOT Internship

2018 Project Management



PR Date

July 25 August 8 August 15

Trending as Exp..

No Yes

Phase	Day	VP				
		Dreyer	Gage	Mele	Ogelman	Rickerson
Initiation		●				●
Planning	●	●●		●	●	
Executi..	●	●●●●	●		●●●●	●●●●
Closing					●	●

Project	Project Su..	Phase	PM	Progress Update	Phase End	Busine.. VP	Report to..	PPL Budget	LTD Actuals	EAC
<b>PR106-01 SCR781 RARF Replacement</b>	Allow Market Participants to electronicall..	Execution	Raspberry	- This project is trending on schedule and on budget - Data Packaging work underway. - Change request approved on 6/6/2018	12/1/2019	Texiera Rickerson	Rickerson	\$1,767,465	\$577,647	\$1,780,082
<b>PR134-02 Privileged Account Management - Phase 2 - (PAM)</b>	is to architect and implement PAM phase 2 with new technology stack. Current sof..	Initiation	Wickes	Phase. - Project was approved for Gate to Initiation on 4/11/18. selected to assist with installation and implementation of software with review and approval of configuration and settings ..	12/1/2019	Jirasek Dreyer	Dreyer	\$2,591,152	\$517,333	\$2,519,421
<b>PR170-01 ECAP</b>	Enterprise Content Alignment Program is			as expected and tracking to approved budget Four projects have completed underneath this						

