PROFESSIONAL SUMMARY

- MS in computer engineering, UTK.
- Former lead test engineer and late firmware engineer on Eaton's EV-EMCB.
- Programmed and co-authored all instrumentation and documentation for TVA's \$450 million Boone Dam Repair project.
- 2.5+ total years of engineering experience.

ELLIAS PALCU

elliaspalcu@gmail.com

865-724-3444

Knoxville, TN

EXPERIENCE

INSTRUMENT ENGINEER, TVA; KNOXVILLE, TN

NOV 2017-PRESENT

- Software specialist in group responsible for developing and maintaining control and embedded software for ANS siren systems across TVA.
- Administrator and initiator of version control for TVA's IES group.

EMBEDDED SOFTWARE ENGINEER, EATON; KNOXVILLE, TN

SEP 2016-NOV 2017

- Lead test engineer and late firmware engineer on Eaton's EV-EMCB.
- ♦ Inherited EV-EMCB at passing 16% (false-positive), and revived project to production at ~99% passing.
- Member of group that developed the energy management circuit breaker (EMCB).

PROGRAM ADMINISTRATOR, JSG; KNOXVILLE, TN

NOV 2015-SEP 2016

- Programmed and co-authored all instrumentation and documentation for TVA's
 \$450 million Boone Dam Repair project.
- ♦ Lead engineer in TVA's \$300,000 initiative in reprogramming all instrumentation across the Tennessee Valley.

SULI COMPUTATIONAL SCIENTIST, ORNL; OAKRIDGE, TN

JUN 2015-AUG 2015

• Performed failure prediction analysis on the Titan Supercomputer. utilizing data mining and machine learning techniques.

LANGUAGES/APP DEV



5 Years **Python**



JavaScript/Jquery



HTML/CSS



SQL



Flask/Bootstrap



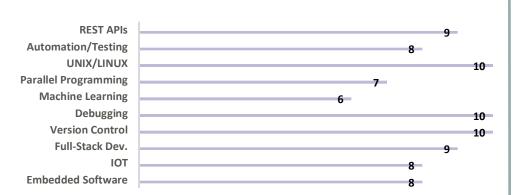
NoSQL



Sauirrel



SKILLS



EDUCATION

9 01/2017 - 12/2017

MS, Computer Engineering — 3.94 GPA

University of Tennessee, Knoxville

9 08/2012 - 12/2016

BS, Computer Engineering — 3.45 GPA

University of Tennessee, Knoxville