

# Thomas J. Petersen (TJ)

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## Education

### **Electrical Engineering Technology**, Bachelor's Degree, Expected May 2020

*SUNY Polytechnic Institute*. Utica, NY, GPA: 4.0/4.0

AutoCAD 2D & 3D design software operation.

Computer maintenance and hardware.

Microcontroller programing using C and assembly languages.

Communication system design.

Field-Programmable Gate Array (FPGA) programing using Verilog.

### **Electrical Technology**, Associate's Degree, May 2018

*SUNY Adirondack*. Glens Falls, NY, GPA: 3.9/4.0

Residential, commercial, and industrial wiring.

AC & DC circuit construction and troubleshooting.

Programmable logic controller (PLC) programing and troubleshooting.

Motor and control system design and repair.

C++ programing basics.

## Work Experience

### **Engineering Intern**, Summer 2019, Full-time

*Albany County Airport Authority*, Albany, NY

Construction management including attending job meetings & inspecting jobsites.

Drawing and spec book review.

### **Maintenance Associate**, Summer and Winter 2018, Full-time

*Fort Miller Co.*, Greenwich, NY

Concrete pouring.

Precast concrete structure test assembly.

Gantry crane maintenance.

Industrial machine installation.

Small tool repair.

General construction including carpentry, plumbing, and electrical.

Welding.

### **Landscaper**, Summer 2017, Full-time

*Collins Turf Services, LLC*, Saratoga Springs, NY

### **Construction Laborer**, Dec 2015 – May 2018, Part-time

*Triller Development, LLC*, Clifton Park, NY

### **Handyman**, May 2011 - Dec 2017, Part-time

*Stillwater Island Stables, LLC*, Schaghticoke, NY

Heavy equipment operation.

24/7 emergency repairs of equipment and buildings.

Tools, supplies, and parts inventory management.

Auto, light, and heavy equipment maintenance.

References available upon request