

# JOEL PAPINEAU

586-489-0377

HTTPS://JOELPAPINEAU.US

## OBJECTIVE

A position in the computing field with special interests in machine learning programming, information processing, embedded systems, computer vision, and robotics.

## WORK EXPERIENCE

PERIOD	<b>April 2023 — Present</b>	
EMPLOYER	<b>Affordable Dumpster Rental</b>	Virtual Office
JOB TITLE	<b>Digital Marketing Support</b>	
JOB DUTIES	At ADR, I was tasked primarily with maintaining and improving the Google Ads System that was in place. This involved analytical thinking based on reports with metrics like: click to lead, cost per sale, return on spend, etc. I managed to turn this role towards my strengths in software engineering by developing my own tools to automate strategies and build an entire reporting platform for these metrics and changes. In addition to the ad campaigns, I also acted as a webmaster: making changes, creating pages, and implementing new features on our website.	
PERIOD	<b>August 2021 — April 2023 (Part Time)</b>	
EMPLOYER	<b>Target</b>	Palm Coast, FL
JOB TITLE	<b>Inbound Receiving</b>	
JOB DUTIES	As the primary receiver at store 2364, the inbound shipment duties were my responsibility. This included scheduling daily inbound trucks, preparing ship-back trailers, and unloading merchandise off trailers. In addition to receiving target internal shipments, I was required to orchestrate and receive vendor merchandise, making logistical decisions as it pertained to keeping our backrooms safe and secure, at the same time, keeping our store of essential products on hand.	
PERIOD	<b>April 2021 — August 2021</b>	
EMPLOYER	<b>Ken's Beverage (now Pentair)</b>	Tampa, FL
JOB TITLE	<b>Tech I-II</b>	
JOB DUTIES	Serviced and maintained Coca-Cola Machines (Freestyle Machine, FreeFlow Fountain, etc). This technician role encompassed the many facets of beverage and CO2 systems, from tubing and routing to refrigeration and dispensing. In addition to Coca cola machines, I serviced a wide range of electronic/smart beverage systems: including McDonald's ABS, Hoshizaka Ice systems, and Arcta/PepsiCo fountains.	
PERIOD	<b>March 2020 — April 2021</b>	
EMPLOYER	<b>Futures Electrical</b>	Orlando, FL
JOB TITLE	<b>Apprentice Electrician</b>	
JOB DUTIES	At Futures Electrical, I worked in the new construction environment, installing everything from underground conduit to panel sets and meters, as well as receptacles and lights. In this workplace I learned a vast knowledge of electrical work.	

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## EDUCATION

DEGREE	<b>Bachelor of Science in Computer Science</b>	
STATUS	<b>Currently In Progress</b>	
EXP. GRAD.	<b>Fall 2024</b>	
UNIVERSITY	<b>The University of North Florida</b>	Jacksonville, FL
DEGREE	<b>Associate of Arts</b>	
STATUS	<b>Completed</b>	
SCHOOL	<b>Daytona State College</b>	Daytona, FL

## SKILLS

<b>Programming Languages</b>	Java, JavaScript, PHP, HTML, CSS, Python, Arduino, C++, C
<b>Protocols</b>	XML, JSON, REST, MQTT, HTTPS, GeoJSON, KML, KMZ
<b>API's</b>	Google Maps, Firebase, WPRest, Leaflet (Maps and OpenTiles)
<b>Databases</b>	MySQL, InnoDB, Firebase, SupaBase
<b>Tools</b>	VS Code, VIM, Dev over SSH, SFTP, Eclipse, JetBrains Suite
<b>Development Boards</b>	ESP32-Feather, ESP32S, Arduino UNO R3, Nano
<b>Deployment Platforms</b>	AWS, Vercel
<b>JavaScript Frameworks</b>	Vite, Next.js, React, Vue

## ADDITIONAL SKILLS

- Unit Testing through Jest, Vitest, and JUnit
- Computer Vision: OpenCV
- Machine Learning
  - Model creation with YOLOv8 and TFLite
  - Annotation tools like Roboflow
  - Dataset creation and augmentation (YAML)
- Python GUI development with TKinter and PyQt5-6
- Java GUI development with Swing and JavaFX
- Soldering
- High Voltage Contactor and Panel Setups
- High Voltage Residential and Commercial Wiring
- PCB Design and Gerber File Creation
- Electronic prototyping with breadboards and perfboards
- Work From Home Systems: Google Suite, Zoom Office, Google Meet, Teams
- Microsoft 365 platform and Google Suite