



# APPLICATION FOR APPOINTMENT TO YPSILANTI CITY COUNCIL WARD #2 POSITION

## Applicant Information

(Please type or print)

Applicant Name Peter D Church

Residence Address 1815 Witmire St Ypsilanti MI 48197

Home Phone [REDACTED] Work Phone [REDACTED]

E-Mail [REDACTED]

## Cover Letter & Resume

Please attach a one page cover letter and a resume of no more than two pages to this application.

## Supplemental Questions

Please respond to the following questions regarding your interest in the position of Councilmember for the City of Ypsilanti on separate pages using no more than 3 pages total:

1. Why are you interested in serving as an Ypsilanti City Councilmember?
2. What strength would you bring to the Council?
3. What are the three highest priorities and/or issues you believe the City needs to address? How would you propose to address these issues?
4. Explain your current and past community involvement and/or service on city, nonprofit, or public boards, committees, task forces, or commissions and how this has contributed to the Ypsilanti community. Address its relevance to the position of Ypsilanti City Councilmember.
5. What do you wish to accomplish during this appointed term as an Ypsilanti City Councilmember?
6. What is your vision for our City and community?
7. Is there anything else that you may wish to add that would help us get to know you a little better?

Please return (*in person*) this form, your cover letter, resume, and answers to the supplemental questions to the City Clerk, at Ypsilanti City Hall (1 S. Huron St.) **no later than**

**4:00 p.m. on Thursday, January 4, 2024.**

Applications received after 4:00 p.m. will not be accepted.

The application and any correspondence should be addressed to:

**Aaron Smith, Interim City Clerk  
City of Ypsilanti  
One South Huron Street  
Ypsilanti, MI 48197**

## Supplemental Questions

1. Why are you interested in serving as an Ypsilanti City Councilmember?

I have lived in Ward 2 since 1997. I have an excellent understanding of the issues affecting the residents of Ward 2, and the willingness to not only present to them the issues being considered by council, but to actively solicit and obtain their input.

2. What strength would you bring to the Council?

I have a tremendous analytical and research capability.

3. What are the three highest priorities and/or issues you believe the City needs to address? How would you propose to address these issues?

Crime, from murder to "car browsing" is a major problem in the City and affects everyone. I would seek to make all information regarding a crime available to the public so there is a general awareness in what crimes are taking place, where they are taking place, as well as providing sufficient information, vehicle and suspect information to enlist the public in apprehending criminals at large. Another aspect is effective diversion. Many petty crimes are committed by persons with dependencies and/or mental illness. We as a county voted for funding to address this problem. We need to find out why that has not worked to degree that we hoped that it would.

Affordability. It has been decades since City residents could drive a short distance and make what would be equivalent to \$28/hour at a semi-skilled job. We have yet to confront this reality. Further, we have a large, senior community that are beyond their prime working years. First, I would propose to make a more concerted effort to sell Water Street for an industrial purpose, to someone who is either unionized or open to the possibility. This city needs, really above anything else, jobs. Second, I would advocate for enhanced education opportunities and more cooperation with the education community, perhaps along the lines of the Kalamazoo Promise program.

Transportation. Currently, people who want to access jobs more than 10 miles distant from Ypsilanti have few options outside of vehicle ownership. AAATA is not a good choice for these people. I think there are many options that need to be explored for this. It may include an application where people can share a ride. It may include a City program for vehicle purchase. It may include a City sponsored ride share arrangement, similar to the Innisfil Transit Partnership.

4. Explain your current and past community involvement and/or service on city, nonprofit, or public boards, committees, task forces, or commissions and how this has contributed to the Ypsilanti community. Address its relevance to the position of Ypsilanti City Councilmember.

Organized EMU Star Party for two years

Organized the Candy Cane Park cleanup day for three years

Member of the Friends of Candy Cane Park

Member of the Friends of Peninsular Park

Ypsilanti Meals on Wheels volunteer

Sponsored Yuri's Night model rocket launches for two years

These activities were intended to inform my understanding of the issues Ypsilanti Seniors are facing, to support and encourage Ypsilanti school children to believe in themselves and dream bigger, and improve a major park in Ward 2.

5. **What do you wish to accomplish during this appointed term as an Ypsilanti City Councilmember?**

I would like to improve the execution of policy a little bit. I would like to help Council be more cognizant of the optics of decisions, and be more analytical of the resolutions presented.

6. **What is your vision for our City and community?**

Connected. Better Educated. Prepared for the future.

7. **Is there anything else that you may wish to add that would help us get to know you a little better?**

I am a Democrat and have supported Democratic candidates all my life. However, I would not make local government decisions based on ideology alone. I would tend to find the best solution available.

I retired at the end of last year, so I have the time to perform complex research and analytical tasks.

According to US census data, I make more than 89.1% of Ypsilantians. Nobody should EVER think that means I don't know what it likes to not have the rent, to run out of food before Friday, to have to work two jobs, or to not be able to afford car insurance.

PETER D CHURCH  
1815 WITMIRE STREET  
YPSILANTI, MI 48197

January 4, 2024

Dear Ypsilanti City Council:

I am applying for the vacant City Council position Ward 2. Please see my attached application, resume and answers to supplemental questions.

I look forward to finding a way that we can create an engaged, informed and equitable city.

If you have any questions please feel free to contact me at [REDACTED]  
by text or voice at [REDACTED] or vial mail at the above address.

Sincerely,

[REDACTED]  
Peter D Church

**Peter D. Church**  
**1815 Witmire Street**  
**Ypsilanti, Michigan 48197**

**Stellantis**

2007 to 2023

**Calibration Manager** – Powertrain and Electrification

- Ensure that vehicle packages meet regulatory requirements for emissions and fuel economy. Produce and provide documentation and test results for this purpose. Ensure all calibrations are consistent with regulatory requirements and meet company goals for linearity in all conditions, including off-nominal operation.
- Develop new calibrations and control software for a large platform hybrid vehicle. Optimize range and availability, and seek competitive advantage by documenting unique capabilities to the vehicle development teams.

**DaimlerChrysler**

2004 to 2007

**Senior Specialist** – Provide On-board Diagnostic (OBD) Systems calibrations. Calibrate various OBD monitors. Perform verification testing of OBD monitors and sensor rationality algorithms. Support vehicle field tests. Assist in vehicle certification testing.

- Created MATLAB STATEFLOW models for OBDII functions for documentation and simulation purposes. Calibrate sensor and actuator rationalities using calibration access tools. Calibrated oxygen sensor diagnostics (response, heater, and circuit faults), temperature and pressure sensor rationalities, thermostat diagnostic, engine timer diagnostics, catalyst and fuel system monitors, and idle speed/PCV disconnect diagnostics.
- Primary engineer for turbocharger diagnostic algorithms. Developed and implemented failure detection diagnostic capabilities for all boost system components.
- Verified OBDII functionality in the vehicle. Established demonstration parameters. Assisted with presentations to CARB on new certifications.
- Implemented an entirely new engine controller and engine control software. This included software simulation, verification, and calibration using HIL testing.

**Mitsubishi Turbochargers**

2003 to 2004

**Senior Application Engineer** – Provide application engineering support to new and existing customers for the automotive, recreational, and commercial vehicle markets in the USA.

- Promote new technologies by making technical sales presentations to new and existing customers. Assist the sales staff with the analysis of the latest trends in engines and vehicles, and how they impact the potential sales of turbochargers.

- Developed a turbocharger matching program to iteratively match turbine and compressor power for wastegated turbochargers. Selected control components (surge valves, wastegates) that provided the desired control, NVH, and durability characteristics.

**RicardoMeda**

2001 to 2003

*Program Engineer (Chrysler)* – Provided Onboard Diagnostic (OBDII) calibrations for the I4 engine in various vehicle applications.

- Collected data and used it calibrate temperature sensor rationalities, fuel system and catalyst monitors, and thermostat and turbocharger overboost diagnostics.

**AVL Powertrain Engineering**

1998 to 2001

*Senior Project Engineer* - Responsible for the emissions calibration for six ratings of a medium duty, common rail diesel engine.

**Ricardo, Inc.**

1997 to 1998

*Project Manager* – Project manager for an advanced lightweight HSDI engine program. This involved conducting design reviews, producing part drawings and core geometry, locating and scheduling vendors, producing and accepting prototype parts, and troubleshooting bottlenecks.

**Detroit Diesel Corporation**

1994 to 1997

*Senior Project Engineer* - Performed combustion system development and calibration for the Series 55 engine. Worked with other members of the fuel system development team to develop the EUP injection system. Co-authored a DDC variable geometry turbocharger control strategy.

**Automated Analysis Corporation**

1993 to 1994

*Senior Project Engineer* - performed finite element analysis and boundary element analysis on engine and powertrain components, including linear static and dynamic analyses on all major engine structures (blocks, heads, cranks, rods, and pistons). Established component acceptability criteria based on test and analysis results.

**Caterpillar Inc.**

1988 to 1993

*Development Engineer, Senior Development Engineer* - performed emissions testing and development for 1990 model year Caterpillar 3116 truck engines. Senior engineer for all turbocharger development, and team leader for variable geometry turbocharger development.

**COMPUTER SKILLS**

ETAS INCA calibration tools, Visual Basic, and C++ languages, MATLAB SIMULINK/STATEFLOW control system simulation and data analysis software. 1-D engine simulation software.

**PATENTS**

Turbocharger inducer noise reduction device (US 5,399,064)

Variable geometry turbocharger actuator and control method. (US 6,134,890)

**EDUCATION**

Bachelor of Science in Mechanical Engineering  
University of Utah, 1988