

WARD 5 CITY COUNCIL APPLICATION
CITY OF NORMAN

Please Print

Nash	Michael	David
NAME (Last)	(First)	(Middle)

ADDRESS	<input type="text"/>	<input type="text" value="(405) 589-6425"/>	<input type="text" value="(405) 589-6425"/>
	(Number/Street/Zip Code)	(Home Phone)	(Work/Cell Phone)

NUMBER OF YEARS RESIDED IN NORMAN	<input type="text" value="32"/>	NUMBER OF YEARS RESIDED IN WARD 5?	<input type="text" value="9"/>
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E-MAIL ADDRESS

CIVIC ACTIVITIES

EMPLOYER	<input type="text" value="Nautilus Technologies, LLC"/>	OCCUPATION	<input type="text" value="CEO; Engineer"/>
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BUSINESS ADDRESS	<input type="text"/>	<input type="text" value="(405) 589-6425"/>
	(Number/Street) (City/State) (Zip Code)	(Phone)

ADDITIONAL EMPLOYMENT, EXPERIENCE OR EDUCATIONAL INFORMATION YOU FEEL IS RELEVANT:

EXPLAIN WHY YOU ARE INTERESTED IN SERVING AS COUNCILMEMBER FOR WARD 5:



(Signature) 12 AUG 2020
(Date)

Note: The City of Norman Charter requires applicants be registered voters in the City of Norman for six months and reside in Ward 5. All information submitted on this application is subject to the Open Records Act.

Return To: BRENDA HALL, CITY CLERK
201 WEST GRAY POST OFFICE BOX 370
NORMAN, OKLAHOMA 73070
FAX: 405-366-5389 PHONE: 405-366-5386

August 12, 2020

Norman City Council
Norman, OK 73071

Mayor Clark and members of the Norman City Council,

I am writing this letter to express my interest in appointment as Councilmember for Ward 5 for the remainder of the unexpired term. I look forward to hearing more from the residents of Ward 5 on their opinions on issues such as emergency response times and stop signs. Most importantly, I look forward to hearing about the issues I haven't heard about, so that I can relay those issues on their behalf.

If appointed by the Council, I will reach out to Sereta Wilson for guidance so that I may minimize the period of adaptation to the role. I do not intend to diverge greatly from the spirit of service championed by Sereta Wilson. I will not be a carbon copy, but I believe what Norman presently needs most of all is stability. The best candidate for this position is someone who can quickly integrate with the Council, and quickly learn the nuances of the inherited role. But most importantly, it is someone who would be a diplomat when divisions form within the community; who is seen as an advocate and ally to all sides, and who can silently remind the community that we are all striving for the same goal of prosperity and a sense of purpose. While the minutiae of our opinions on achieving our shared goal are diverse, we need to acknowledge it for what it is: our greatest strength and weapon to fight the complicated issues we face as we share our lives together as Normanites. We are not islands of individuals in close proximity, we are a network of family, friends, and neighbors. None of us are forced to live in Norman, we all choose to live in Norman because we love this town. And it is not the wood, brick and mortar buildings, but the community that defines it.

I am deeply saddened by the present state of unrest in the community. My wife and I are both from multigenerational Normanite families, and are raising our own children, Ethan (7 years old) and Montgomery ("Monty", 3 years old) here in Norman because there is no better place in the world than right here. We care deeply about our community and are unequivocal stakeholders in its prosperity. I see this opening to serve on the City Council as an opportunity to give back to the community that has given my family so much.

I have included a copy of my resume, mostly unaltered from its vanilla form, to highlight my strengths and without embellishment of my weaknesses. One key aspect I would like to point out is my experience with innovation: the generation of novel solutions to complex, multi-faceted problems; and my experience working with multidisciplinary teams to accomplish big things.

The necessity of open-mindedness cannot be understated when working with a team and as an individual to come up with a solution to a unique problem. The existence of the problem itself is evidence that the status quo has been insufficient, and one must be willing to accept, first and foremost, that what they believed may be wrong. After that, one must accept that the solution may

be in plain sight, as long as there is an openness to see it. Pride, and stubbornness, have no place in this solution process.

The second aspect I would like to highlight about my resume is my experience working closely with businesses and as a business owner, myself. Much of the management of a large city is not dissimilar to the management of a company. There is revenue and costs and a machine as large as a city requires the acknowledgement that great visions don't come without costs that must be balanced between the long-term prosperity of the citizens with the short-term discomfort to get there.

All efforts become moot if short-term discomfort equates to existential crises; as the road to hell was paved with good intentions, if one is not open to communications with the thoughts and concerns of the people then this becomes a failure of governance and it is the people who suffer. In this, I have tremendous shoes to fill. All the members of the Council work tirelessly to hear from and communicate with all citizens in Norman, and it is my goal to live up to the standards they have already set. I can promise that my experience in working on multidisciplinary teams will give me a strong advantage in the communication of complex ideas so that they are understandable by everyone, with the willingness and openness to hear good ideas when they are presented from whomever may present them.

I have tremendous respect and admiration of everyone on the Council, and I have full confidence that the best applicant for the seat will be chosen. In the absence of a better choice, I hereby commit my name for consideration for the seat, along with my personal commitment to serve with passion befitting my community and the best city in the world.

Short bio:

I joined the United States Marine Corps delayed-entry program less than a year after 9/11 and finished a semester early from Norman High so that I could go to boot camp and join the Marine Corps infantry. I spent four years active duty in the USMC, where in 2004 I served as part of the Maritime Special Purpose Forces and Marine Raiders in the Pacific. In 2005 I served in Operation Enduring Freedom in Afghanistan, during which time I took part in Operation Red Wings (see dedication in the movie *Lone Survivor*), Whalers, and Pil. Six months before separating from the Marine Corps, I married my better half, Shandell Hartman, on August 9th, 2006. I came back to Norman and went to school at Oklahoma City Community College where I received degrees in Engineering and Mathematics, and the University of Oklahoma where I received my Bachelor of Science degree and Ph.D. in Mechanical Engineering. Along with the MGI-Bill, I received scholarship from the Citizen Potawatomi Nation. In between degrees, my wife and I welcomed two boys into the world who are today ages 7 and 3. My grandfather, Floyd Nash, served as chief of detectives with the Norman Police Department sometime after having served in the Marine Corps during World War II. I see myself in a unique position to serve as a simultaneous advocate for Norman families, Native Americans, Veterans and small business owners, and I hope to be seen as an ally to the Norman Police Department and supporters in-kind.

Michael David Nash

405.589.6425 | Michael.D.Nash@icloud.com

Summary of Qualifications

- **Education:** *Ph.D. in Mechanical Engineering* with concentration in robotics, control systems, sensing and measurement systems, and sensor development
- **Engineering:** Highly experienced in the entire engineering solution lifecycle:
 - *Interpreting complex problems* from technical/non-technical customers
 - *Developing novel solutions* with customer feedback and approval
 - *Designing validation tests and procedures* to establish viability and feasibility
 - *Thorough documentation* of all work and communications to be capable of serving as a log, guide and official transcript
- **Range of Experience:** *Diverse experience from which to solve new problems*, including aerospace, oil and gas, HVAC, commercial plumbing, general construction, information technology
- **Teamwork:** Track record of success working both independently and with multidisciplinary teams
- **Leadership:** *Leadership experience spanning 15 years* ranging from United States Marine Corps combat units to diverse professional teams including engineers, scientists, geologists, marketers, and physicians
- **Business:** Fundamental belief in *meticulous cost management* to ensure projects continue to make good business sense for both the customer and the developer while maintaining regulatory requirements and exceeding customer expectations
- **Project Sensitivity:**
 - *Strong understanding of the need for and creation of intellectual property*, including both trade secrets, utility patents and copyrights with working knowledge of trademarks and design patents
 - *Previously held Secret clearance* from the Department of Defense while serving in the United States Marine Corps (2003 – 2007)

Education

Doctor of Philosophy degree in Mechanical Engineering, *University of Oklahoma*, Norman, Oklahoma, May 2018. Advisor: Dr. David P. Miller.

Bachelor of Science degree in Mechanical Engineering, *University of Oklahoma*, Norman, Oklahoma, May 2012. Minor in Mathematics.

Associate of Science degree in Engineering, *Oklahoma City Community College*, Oklahoma City, Oklahoma, May 2010.

Associate of Science degree in Mathematics, *Oklahoma City Community College*, Oklahoma City, Oklahoma, May 2010.

Professional Experience

NAUTILUS TECHNOLOGIES, Norman, Oklahoma

President & CEO, 6/2018 – Present

Increased company value by generating an innovative and commercially lucrative solution, directing research efforts efficiently and effectively, leading marketing campaigns for solicitation, and negotiating licensing agreements.

ENGINEERING CONSULTATION, Norman, Oklahoma 10/2012 - Present

- Established positive relationships with potential clients and communicated the merits of proposed services.
- Interpreted complex design requirements, developed a solution approach and way to test its viability, and established its veracity for presentation to the client.
- Converted interested clients to satisfied customers

- FLOGISTIX, Oklahoma City, Oklahoma

Mechanical/Electrical Engineering Specialist, 5/2017 – 8/2017

Saved client over \$15M by developing a virtual sensor based on a mathematical model that calculated flow rate through field gas compressor systems using only the existing sensors and without modification.

- NATIONAL HOT WATER, Dallas, Texas

Measurement Automation Design Engineering Specialist, 10/2012 – 7/2014.

Reduced critical emergency service delays by 98% by designing and constructing a remote monitoring device for commercial water heaters that transmitted critical measurements wirelessly over the internet to a server based at corporate headquarters

HALLIBURTON, Carrollton, Texas

Research and Development Engineer, 8/2014 – 3/2017.

Worked with the Managed Pressure Drilling team to design a wireless sensor system for the rotating control device; programmed and interfaced an embedded system to transmit accelerometer, temperature, and pressure data to a computer running logging and control software written in LabVIEW. Products delivered include the Smart RCD rotating collar system

WEST STAR OPERATING COMPANY, Norman, Oklahoma

Information Technology System Administrator, 6/2012 – 7/2014.

- Saved company \$85,000/year alone from employee productivity loss due to server downtime.
- Constructed an office network based on a main server running Windows Small Business Server with 25 workstation computers; defined system policies, user accounts, and established restricted file servers; established standard operating practices.

Norman Public Schools, Norman, Oklahoma

Substitute Teacher, 8/2008 – 5/2009

- Substitute taught grades 8 through 12 in classes ranging from history to physics.

UNITED STATES MARINE CORPS

Marine Infantry Rifleman Corporal, 1/2003 – 1/2007

- Team Leader in Operation Enduring Freedom; Kunar Province, Afghanistan; lead a rifleman fire-team in combat situations including Operation Red Wings and Operation Whalers
- Squad Automatic Weapon Gunner in the Maritime Special Purpose Forces with Marine Recon and Scout Snipers for the 31st Marine Expeditionary Unit; conducted Vessel-Board-Search and Seizure missions in hostile environments; granted secret clearance.
- Conducted training operations to prepare junior Marines for Operation Iraqi Freedom