

Zbarasheuski, Stanislau (Stan)

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PROFESSIONAL PROFILE

Technologist with academic and hands on experience in Computer Networking & Engineering, Material Science & Engineering, Manufacturing & Design. **Six years in metallurgy, and microscopy laboratories. Configured and installed Cisco and programmable controllers since (2007).** Professional background ranging from to \$2.6 million government research projects to start-ups; generating flow of \$2.4 million – the first year. Looking for knowledge and skill growth in Technology and the Sciences; more education and training is in my future.

EDUCATION

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| Digital Transformation program, Massachusetts Institute of Technology | 2018-2019 |
| • Focus: AI and IoT to Cloud, Blockchain, and Cybersecurity | |
| Associates of Arts and Science, Cuyahoga Community College, Ohio | 2014-2015 |
| • Focus: Calculus and Chemistry | |
| Non-Degree, Case Western Reserve University, Ohio | 2011-2013 |
| • Focus: Chemistry, Physics, Material Science & Engineering | |
| Computer Networking & Engineering, Lakeland Community College, Ohio | 2009-2013 |
| • Focus: Networking (IT), PC Repair, cabling, and communications (CCNA & CCNP) | |
| Computer, Networking, Electronics, EXCEL T.E.C.C./Mayfield School, Ohio | |
| 2007-2009 | |
| • Focus: Computer Networking (IT), Electronics, Programming (honor roll standing & awards) | |

PROFESSIONAL EXPERIENCE

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|  | Genius One, Inc., Cleveland Ohio | 2017-2018 |
| | R&D Engineer; Tasked to optimize heat exchange between a solid and a fluid with minimal impedance to the flow rate. | |
| | • Drafted, Prototyped, Presented Pre-Production Consumer Products; ceramic, metallic, and polymers | |
| | • Found Domestic Electro Chemist; improved consistency in quality and savings of \$0.38/part; ~68.4k/year | |
| | • IT & Network Security; removed malware & located source & target PC of bot-program's network traffic | |
| | • Eliminated a work station by advising acquisition of equipment; more uniform workday for the employees | |
|  | CWRU; Department of Material Science & Engineering; Foundry, Cleveland Ohio | 2011-2017 |
| | Laboratory Technician(2013), Laboratory Intern(2011); Worked on gov. (ARPA-E), industry (metal deposition & grain crystal structure) & academic projects (from manufacturing to bio and disposal). | |
| | • Metallurgy; prepared chemicals, polished & etched samples, examined grain crystals & boundaries | |
| | • Microscopy; captured optical photographs, used scanning electron microscopes (SEMs); element analyses | |
| | • 3D printing multi layer deposition of metals; repair & service extension of casting dies | |
| | • Collaborated & trained students in projects requiring high temperature equipment materials or vacuum | |

AWARDS AND CERTIFICATES

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| • MIT; Digital transformation & Fire Hydrant Award | 2019 |
| • NASA Robotic Mining Competition , certificate of participant | 2013 & 2014 |
| • Collegiate Cyber Defense Competition , certificate of participant | 2013 |
| • CCNA Exploration (Cisco Networking Award) | 2010 |
| • Computers, Networking & Electronics | 2009 |

ADDITIONAL SKILLS

Proficiency with; Microsoft & Open Office, Linux Distributions, Windows Oses, Adobe Photoshop, Google Apps
CAD; SolidWorks, LTSPICE, Slicers (3D printers), SketchUp, Openrocket, EveryCircuit
Programmed in; HTML, JavaScript, Dream Weaver, Python, C++, VB, Dark Basic
Electronics; designed, manufactured, & repaired PCBs & circuits, industrial and residential electrical experience

LANGUAGES

English Russian Polish Belarusian Spanish(beginner)

HOBBIES

Rocketry; telemetry, structures, propulsion (co founded a club "[Case Rocket Team](#)")
Robotics; automation, navigation, 3D printing (co founded a club "[CWRUbotix](#)")
Hacking at; drones, Kali Linux (collaborated on IT competitions and hackathons projects)