

## 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

- 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

-  **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

- Massachusetts Institute of Technology; [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 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)