Victor Taksheyev

[My Portfolio](#) | victortaksheyev@gmail.com

Education

University of Nevada - Las Vegas   *Aug 2018 - Present*
- Computer science major, math minor | 4.0

Southwest Career and Technical Academy
- **Valedictorian**
- Web Development and CS program area

Work Experience

Intellimind   *Apr 2019 - Present*

Software Developer Intern
- Created responsive web app that graphs financial data used by top Paris fashion companies
- Developing an algorithm that automatically collects data and builds a dynamic infrastructure to store that data

CodeCentral   *May 2018 - Apr 2019*

Computer Science Instructor
- Taught students HTML/CSS web development, programming in Javascript, robotics with Arduino, and game development in GameMaker Studio
- Helped develop thorough project-based Python and Arduino curriculums for 20-50 advanced students
- Performed "code nights" at local elementary and middle schools to introduce them to computer science

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Clubs

SEDS (Students for the Exploration and Development of Space)   *Sep 2018 - Present*
- Using C-based languages to develop autonomous and redundant payload deployment and rocket recovery systems
- Building payload habitat to withstand flight conditions and automatically inflate upon impact with the ground

Personal Projects

Frame - www.frame.co.com

Website builder algorithm/website
- Developed website builder algorithm in PHP that generates HTML/CSS code based on user's choices.
- Designed graphics, logos, favicons in Illustrator/Photoshop and developed **responsive** website
- Featured in city news program and won best original website award at school level

"3D Audio" Converter
- Built recursive **python** application to turn any song into concert experience
- Performed data manipulation on sound waveforms in real-time
- Working on automating importing/exporting songs to mass produce 3D audio effect

Telemetry Visualizer
- Built application to visualize data collected by sensors during rocket launch for UNLV's rocketry team
- Developing hardware to transmit data wirelessly

Graduate Admissions Data Analysis
- Predicted students' chance at graduate school admission using **regression** and other forms of **statistical modeling**.
- Formatted, visualized, and analyzed data in python to find significant trends