**Vasile Stadnitchii**

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Targeting entry-level software developer positions

**Education:**

Shepherd University Shepherdstown, WV | 2015 – Present

* Major: Computer Science
* GPA: 3.30
* Dean’s List
* Recipient of National Science Foundation STEM Scholarship
* Recipient of Shepherd SOARS Scholarship
* Expected Graduation Date: May 2017

Hagerstown Community College Hagerstown, MD | 2013 – 2015

* Degree: Associate of Science

**Technical Skills:**

* **Languages:** C#, Java, C++
* **Web:** HTML, CSS, JavaScript, JQuery, Node.js, ASP.NET
* **Database:** MySQL
* **Development Tools:** Visual Studio, Eclipse, GitHub
* **Frameworks/APIs:** OpenGL, OpenTK, SFML, MonoGame, SDL

**Related Employment:**

Research Assistant, Shepherd University Shepherdstown, WV | Jan 2016 – present

* Worked closely with professors and students to provide software solutions for automating work
* Saved countless hours of work by automating work that was previously done by hand
* Created software that moved, modified, and graphed data from simulations
* Used MatLab and C# to solve differential equation models
* Implemented the genetic algorithm in C# to calibrate parameters for differential equation models

**Relevant Experience:**

* Author and co-author of several presentations at the West Virginia Academy of Science annual meetings
* Shepherd NASA grant: Created a 3d solar system simulator using C# and OpenGL
  + Used OpenGL and GLSL shaders to create visuals such as lighting, bloom, and shadows
  + Implemented a modular GUI framework
* Shepherd University Robotics Club
  + Team leader and lead programmer for Firefighter Robot
  + 1st place winner at ShepRobo Fest 2017 firefighter competition
* Shepherd University
  + Created a Rubik’s Cube simulator to assist students solving the Rubik’s Cube in as few moves as possible