

RADU VASILESCU

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A strategic, analytical, and creative software developer who combines diverse technical expertise with experience in problem-solving and implementation, excelling both individually and in a team environment.

Education

Loveland High School – *Loveland, OH*

Graduation: June 2018

- 4.32 Cumulative Weighted GPA, Top 2% of class out of 350, on the High Honor Roll with Distinction
- AP Calculus BC, AP Computer Science A (planned), all Honors classes
- Member of the **National Honor Society**
- Member of the Math Team, **school winner of American Math Competition** (AMC 10)

University of Cincinnati – *Blue Ash Campus*

- Enrolled in College Physics I and Lab course alongside LHS courses for the 2017 fall semester

Sinclair Community College: IT coursework towards an Associate of Applied Science degree in Computer Information Systems through the high school's College Credit Plus program:

- C++ Software Development
- Java Software Development
- Network Fundamentals
- Database Management

Medalist, Rensselaer Polytechnic Institute – Recognized for “outstanding achievement in math and science”

- Received \$25,000 per year merit scholarship

Experience

Team's Lead Programmer, Overall 1st Place Winner, RevolutionUC Hackathon

April 2017

- Competed against over 40 teams of college students in a 24-hour team-based coding marathon
- Created a VR-powered game to support amblyopia therapy in children, using C#, Unity, and the Oculus Rift

Internal Systems Manager, INTERalliance of Greater Cincinnati

August 2017 – Present

- Responsible for all INTERalliance IT needs: website back-end, communications, accounts, and software

Educational Assistant, Kumon of Loveland (Math Tutoring)

Summer 2017

Team Lead Programmer, University of Cincinnati DITLE Summer Program

Summer 2017

- Three-week intensive program: computer fundamentals, application development, database and networking concepts.
- Worked to educate less experienced team members; provided needed help to other teams where educators couldn't.

Team CTO, INTERalliance IT Careers Camp – Xavier University

Summer 2016

- Learned how to carry out a project from conception to planning, design, implementation, testing, and deployment
- Individually earned the **Strategy Award** for direction-setting and results in leading the project

Programmer, LHS FIRST Tech Challenge (FTC) Robotics Team #5040

2014 – 2015

- Wrote autonomous and user-control code using RobotC, completed testing and debugging process
- Won the **Inspire Award** and **Promote Award** at the local competition, and advanced to State competition

Leadership

Completed Course Inclusive Leadership: Becoming a Successful Leader through Catalyst edX

August 2015

Principal 2nd Violinist (Section Leader), Cincinnati Symphony Youth Orchestra (CSYO)

2016 – Present

- Resolved conflicts, make agile decisions with impact on the entire section

Team Captain, Loveland High School Science Bowl Team

2015 – 2016

- Assigned team roles based on evaluation of knowledge and expertise

Community Service

Volunteer, Loveland Public Library, Book Fair at Barnes & Noble, *Christmas in Loveland*

2015 – Present

Event, Loveland Care Center, Project 440 (CSYO Community Outreach), school Student Aide

Skills

- **Programming:** Advanced knowledge of C, C++, Java, C# .Net, and Python development; knowledge of HTML, CSS, JavaScript, SQL, PHP; proficient with Git, Visual Studio, IntelliJ, PyCharm, Eclipse, Unity
- **Software:** Microsoft Office – Word, Access, Excel, PowerPoint, Publisher
Adobe Creative Suite – Photoshop, Lightroom, AfterEffects, Dreamweaver
- **Communication:** Fluent in French and Romanian