

Sergey Papushin

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Education

University of Illinois at Urbana-Champaign Expected Graduation: May 2019
Bachelor of Science in Computer Science, James Scholar GPA: 3.93/4.00

Adlai E. Stevenson High School GPA: 4.78/4.00
Graduated with Highest Honors, National Merit Scholar Finalist, Illinois State Scholar

Current and Past CS Courses:

- CS 225 (Data Structures)
- CS 233 (Computer Architecture)
- CS 374 (Algorithms and Models of Computation)
- CS 411 (Database Systems)
- CS 498 RK (The Art of Web Programming)

Languages: Java, C#, C++, C, JavaScript, Python, HTML/CSS

Experience

Illinois Institute of Technology, *Intern* June 2014 - July 2014

- Developed a tool in Mathematica to display and analyze function interpolation with various different kernels
- Presented Mathematica tool and mathematical conclusions to the Meshfree Methods Seminar

Royal Melbourne Country Club, *Busser/Banquet* June 2017 - August 2017

Mariano's, *Produce Team Member* June 2016 - August 2016

Projects

LiveSplit November 2013 - Present

- Developing a highly customizable timer application using Microsoft Visual Studio, .NET, and C# that currently has over 250,000 downloads
- Working on a team with one other main contributor, with my role focusing on UI design and the program's core logic
- Creating and improving program appearance and user interface with Windows Forms
- Using Git and GitHub for version control

I Can't Believe It's Not Chess! May 2015

- Used object-oriented programming to create an original puzzle game in the form of a Java Applet
- Ported code from a Java applet to a fully functioning Android app

Traveler May 2016

- Developed a game using Unity that is based on the player solving a constantly expanding Traveling Salesman Problem.

Activities

Association for Computing Machinery (ACM) August 2015 - Present

- Participating in various special interest groups related to Computer Science such as GameBuilders (game development) and SIGMobile (Android app development)

Business Professionals of America December 2012 - May 2015

- Won State Championships in C++ Programming, Advanced Accounting, and Financial Analyst Team
- Won Third Place Nationally in Fundamental Accounting