

# Arsenio Colon

840 Potomac Ave. FL 3, Buffalo, New York 14209

me@arseniocolon.com

(718)-757-7071

[www.arseniocolon.com](http://www.arseniocolon.com) - [GitHub](#) - [LinkedIn](#)

## Education and Training

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STATE UNIVERSITY OF NEW YORK COLLEGE AT BUFFALO, NY

**Bachelor of Science in Computer Information Systems**, December 2017

## Languages and Technologies

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- Programming Languages & Technologies: C#, C++, Visual Basic, Microsoft SQL, Microsoft Azure, .NET (Webforms, Entity Framework 6, Web API), Git, HTML5, CSS3, Javascript, jQuery, Bootstrap
- Software Expertise: Visual Studio 2019, Microsoft SQL Server Studio, Unity 2019, Adobe Photoshop

## Experience

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**Software Developer** — September 2019 to Current

Research and Engineering Development, LLC (RED-INC) — Buffalo, NY

- Developed Augmented Reality and Virtual Reality applications for clients using the Unity Development Platform using various HMDs such as the Microsoft Hololens and the HTC Vive.
- Participated in Sprint Planning and Task Estimation processes.
- Used Atlassian collaboration tools such as JIRA and Bitbucket to facilitate version control and task management.

**Software Developer** — February 2018 to September 2019

Campus Labs — Buffalo, NY

- Developed applications using Microsoft's Azure cloud based pipeline, including releasing software features using Azure DevOps and Azure Portal services.
- Participated in agile team activities to create and refine solutions for Higher Education Assessment web applications in a .NET environment.
- Maintained the standards and technical direction of various Assessment web applications, as well as diagnosing and solving production issues with insight from Product Managers and Technical Support teams.

**Intern/Student Assistant** — June 2017 to December 2017

Institute for Community Health Promotion (ICHP) — Buffalo, NY

- Worked on the End-Of-Life website for the P2 Collaborative - *decideWNY.org*
- Created Intake forms and made changes for *thePoint.org*
- Developed the front end for the *Maternal and Child Health Student: Adolescent Phase* project in a .NET Environment.

**Student Assistant/Teaching Assistant** — May 2017 to December 2017

Buffalo State College CS4HS — Buffalo, NY

- Helped facilitate and organize teacher workshops and conferences.
- Assisted Scratch and Programming Workshops.
- Created brochures and maintained correspondence with workshop/conference attendees.

**Teaching Assistant** — August 2017 to December 2017

Buffalo State College Computer Information Systems Department — Buffalo, NY

- Tutored students during class time and outside of the classroom.
- Performed data entry into reporting system as needed.

## **Website Manager** — June 2014 to June 2015

Resurgence Brewing Company — Buffalo, NY

- Configured and maintained a Wordpress-based website capable of showing events, current beer selections, menu items, selling items through an online store, and registration of brewery tours.

## **Student Assistant** — May 2010 to October 2010

Academic Information Technology at SUNY Fredonia — Fredonia, NY

- Created graduation video and made/distributed DVDs to graduates.
- Maintained and configured Apple computer labs on the SUNY Fredonia campus.
- Provided edited and finished video products for the department.

## **Volunteer Experience**

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### **Board Member** — August 2018 to Current

Buffalo Game Space 501(c)(3) Non-Profit — Buffalo, NY

### **Advisory Board Member** — November 2017 to August 2018

Buffalo Game Space 501(c)(3) Non-Profit — Buffalo, NY

## **Related Courses**

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Computer Information Processing I & II	Visual Basic Programming
Computer Organization	Operating Systems
System Analysis	Database Processing
Microcomputer Applications	Programming for the Internet Environment I & II
E-Commerce Systems & Technology	Data Communication

## **Undergraduate Research**

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### **Senior Research Project** — January 2017 to May 2017

“Oscilloscope’d - Polishing An Asteroids Clone Game” - Buffalo, NY

- Set goals to make a game in the Unity game engine for use in a senior level research project.
- Created, implemented, and polished a working prototype of the Asteroids-based game.
- Presented the project at three undergraduate research conferences: Consortium for Computing Sciences in Colleges (**CCSCNE** - Albany, NY), SUNY Undergraduate Research Conference (**SURC** - Fredonia, NY), Student Research and Creativity Conference (**SRCC** - Buffalo, NY)

## **Service Learning**

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### **Teaching Computer Science Through Code.org** — January 2017 to May 2017

William J. Grabiarz School of Excellence — Buffalo, NY

- Created a curriculum to provide eight weeks of after-school instruction to middle school students.
- Showed a poster presentation during Buffalo State’s Celebration of Community Engagement.

## **Employment History**

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### **Line Cook** — July 2017 to September 2017

Shango Bistro and Wine Bar — Buffalo, NY

### **Kitchen Staff** — June 2016 to March 2017

Squeeze Juicery — Buffalo, NY

### **Kitchen Lead** — June 2014 to June 2015

Resurgence Brewing Company — Buffalo, NY