

MATTHEW CARAPELLA

📞 (617) 905-1613

✉️ mcarapel@buffalo.edu

💻 <http://www.github.com/mattcarapella>



EDUCATION

COMPUTER SCIENCE, B.S.

Sept. 2016 - August 2018

COMPUTER SCIENCE, A.S.

Sept. 2014 - May 2016

University at Buffalo, School of Engineering & Applied Sciences

Buffalo, NY

GPA: 3.169

Relevant course work: Computer Vision, Distributed Systems, Networking, Operating Systems, Programming Languages, Software Engineering, Data Structures, Algorithms

Onondaga Community College

Syracuse, NY

GPA: 3.386

Activities: Tutored students in algebra, pre-calculus, calc 1, and calc 2.



PROJECTS

BACKYARD CRYPTO

ANOTHER WORLD

- An online database of cryptocurrency related information where users can earn money by submitting relevant information. The site contains Wikipedia style information pages, a Reddit-style message board and upvote system, user registration, and payment system.
- Site was built with Ruby on Rails, Javascript, and HTML/CSS, uses a PostgreSQL database and was deployed to Amazon EC2.
- <http://www.backyardcrypto.com> *Currently in development*
- An online, multiplayer world building app created with Unity and C# that allows users to build their own 3D environments using an in-app tool set or by uploading and using their own custom models.
- Users can visit worlds created by others, collaborate, and interact with one another (using voice chat). Multiplayer features were implemented using Photon Networking Engine.
- All user information, world data, and models are stored on a MySQL database and hosted on Amazon EC2.
- <http://www.github.com/mattcarapella/AnotherWorld>



SKILLS

LANGUAGES

TECHNICAL SKILLS

Ruby on Rails, Python, C++, C#, HTML, CSS, JavaScript, React

MySQL, PostgreSQL, AWS EC2, Git, Unity, Visual Studio
