

# MATTHEW I. CINTRON

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311 Robert Morris Blvd

Allentown, PA 18104

Full Online Portfolio: <https://mattcintron.github.io/>

Phone: 609.651.2153

Email: [matt.Cintron@yahoo.com](mailto:matt.Cintron@yahoo.com)

## EDUCATION

Long Island University, CW Post, Brookville, NY

**M.A. Digital Media Developer**

2013

Thesis: *The Corrupted*, Unity-based FPS Game GPA: 4.0

Rider University, Lawrenceville, New Jersey

**Bachelor of Fine Arts**

2011

Major: **Visual Arts**

Minor: **Chinese Studies**

GPA: 3.86 summa cum laude

## HONORS

Graduate Assistantship in Digital Game Design, LIU Post 2011-2013 Outstanding Senior Award, Rider University, 2011

Phi Sigma Tau, Philosophy Honors Society, 2011

## EXPERIENCE:

Bristol Myers Squibb, Princeton, NJ

**Data Analyst and Software Engineer, 2014 –Present**

*A few examples of projects I worked on in my 5+ years of dev experience at BMS:*

- Designed Software Databases for lab samples
- Designed Data visualization and Processing tools for Mass Spec Data
- Designed Data visualization and Processing tools for NMR data
- Built 3D Graphics tools to better plot Principle Component Analyses PCA Data
- Built Alexa Skills to help scientist's in lab's
- Built full voice interactive in house AI assistant, using basic natural language processing( NLP) to help scientist's record work and ask questions in labs-
- Designed Excel Add-ins to read and process data for Investigative Metabolomics
- Designed Software to help read data for Liquid Chromatography
- Built both the front end and back end for Bioinformatics team website
- Built Online automated Form development tools for Discovery Toxicology
- Built Online Metabolite Number and Projects database 's
- Put together Online database and data analyses work for Early Stage Drug Development

Rowan University, Glassboro, NJ

**Adjunct Professor at Rowan University, Computer Science Department -2015 -Present**

- Class– [Intro to Game Design and Development](#)

**Developer Leader for [Endless Void Studio's](#)- Indie Game Company 2015 -Present**

- Project Leader for [Dreams of Solari](#)- 2D story RPG Released on Steam
- Project Leader, and Programmer for [Crypt, The Black Tower](#) – 3D PC RPG Released on Steam
- Ran a successful [Kickstarter Campaign](#) for *Crypt* to gain funding for publishing

Long Island University, Brookville, NY

**Graduate Assistant for Digital Game Design, Sept. 2011 – June, 2013**

- Computer Lab Technician and Recruitment Outreach
- Animation/art/sound designer for *Winthrop Flu Busters* game
- Member of LIU Egg Labs Grant Coordination Team

## SKILLS:

**Software:** Visual Studio, Pycharm, Amazon Alexa, Amazon AWS, MS

Cognitive Services, Conda, Google Cloud, Unity ... and others

**Programming Languages:** C#, C++, Python , Java, Java Script , SQL, ASP.net, html5,

**Frameworks:** .NET, Flask, Django, Tensor flow.