

## Education

### **Rochester Institute Of Technology** Class of 2016

Major: Game Design and Development

Minor: Software Engineering

### **Thomas Jefferson High School For Science And Technology** Class of 2012

## **Skills Studied**

UI/UX design/development

Web design/development

Level design

2D graphic design and animation

3D modeling

Data structures and algorithms

Distributed computing

Basic electronics

High N4 Japanese proficiency

## **Programming Languages**

Latest HTML/CSS/JavaScript,

Flash/ActionScript 3,

Python, Java, C#

PHP, Bash

## **Operating Systems**

Windows

Linux

Android

## Projects / Interests / Activities

### **Independent Web Designer and Developer** 2007-present

Created Holo Web and MaterialZ CSS libraries for developing Holo- and Material-themed apps

Developed Voice Actions extension and PaintZ app for Chrome and Chrome OS

Developed variety of live, real-time wave gadgets and Wave Extensions Gallery

Designed and developed many other miscellaneous games, apps, libraries, and projects

### **Founding President: Inverted Productions (inprod.co)** 2009-present

Initially founded as a school game and software development group; developed and sold games

Taught members HTML5 + JavaScript, git, Source engine, and level design techniques

Continued independent game development after graduating college

### **Developer: RIT Society of Software Engineers (SSE) Rapid Development Events** 2013-2016

Created automated lab management system with voice interaction using Node.js, Ruby, and C#

### **Founding Executive Board Member: Space-Time Adventures at RIT (ritstar.com)** 2013-2015

Founded and ran science fiction club; designed graphics; maintained club's online presence

Helped run annual STARfest convention; managed STARfest PR through 2018

## Work Experience

### **Software Developer - Second Avenue Learning** 2016-2018

Developed web- and Unity (2D and 3D)-based educational games and other interactive ed tech.

Created content for social media and helped manage the company's social media presence

### **Development Intern - Brazen** 2015

Worked on the Java-based Brazen Connect application

### **Co-Op Applications Engineer - Oracle** 2014

Front-end web programming for the Primavera Prime project management application

### **Client-Side Web Developer - 500 BC** 2011-2012

Front-end programming (HTML/CSS/JS) at a social gaming start-up

### **Game and Web Programming Instructor - TIC Camp** 2011, 2013, 2016

Taught game and web programming and design to students (LOGO, Java, HTML/CSS/JS)