BRYAN CANCEL

(956) 777-2692

1311 Rocotillo Ln. Edinburg, TX 78539   https://b-cancel.github.io/   bryan.cancel01@utrgv.edu
bryan.o.cancel@gmail.com

EDUCATION

The University of Texas Rio Grande Valley, Edinburg TX   Anticipated Graduation Date: Dec 2018
Bachelor of Science in Computer Science   Dean's List   **GPA: 3.5**
South Texas ISD – BETA (Business Education Technology Academy), Edinburg, TX   Graduated 2014
High School Distinguished Plan   Summa Cum Laude   **GPA: 3.9**

PROGRAMMING LANGUAGES: C#, C++, Java, HTML5, CSS3, Python, JavaScript, C, Assembly

RELEVANT COURSEWORK

Completed:
- Automata, Formal Languages, & Computation
- Organization of Programming Languages
- Algorithms & Data Structures
- Object Oriented Programming in C#
- Discrete Data Structures
- Computer Science 2
- Computer Organization & Assembly Languages

In Progress:
- Programming in UNIX/Linux Environment
- Digital Systems 1

RELEVANT EXPERIENCE

Competitive Programming at HackerRank
Developer Tools For Unity 3D (soon to be published on the 2017 Unity Asset Store)
- **Outline Kit (with Game Objects) -** Create outlines around 2D Sprites
- **Color Kit** - Experiment with different color mixing and color linear interpolation algorithms
- **Tap Sequence Detector** - Detect Taps, and Holds to trigger commands in your games

Game Development Projects (using Unity3D Game Engine in C#)
- **Squishables** - Innovative Physics Based Cooperative 2D platformer where you control your character's force and impulse vector to keep you and your friends alive
- **Prototypes** - Delta Pong | 3D Pacman | Base Building Survival Game

Hackathon Projects at (HackTexas, HackRice, CodeRed)
- **Real Air Guitar** using the Myo armband to detect fretting
- **Fruit Ninja with Full Body Tracking** using the Kinect

Technology Student Association, TSA, Member (2012 – 2014) | Treasurer (2013 – 2014)
- Served as captain for all the events   August 2012 – June 2014
- Vex Robotics (1st Regionals, 7th State) | Web Design (3rd State, 4th Nationals)   August 2013 – June 2014
- Member of the Year | Technology Problem Solving (2nd Regionals)   August 2012 – June 2013

WORK EXPERIENCE (using HTML5, CSS3, JavaScript)

Ambit Energy – Edinburg, TX, Freelance Developer & Designer   August 2016 – August 2017
LebronGroup – Winter Park, FL, Freelance Developer & Designer   July 2017 – October 2017
The University of Texas Pan – American – Edinburg, TX   September 2014 – May 2015
University Transportation Center for Railway Safety Game Developer, Graphic Designer, and Marketing
IT Marketing Division – Edinburg, TX, Video Editor, Graphic Designer   September 2013 – May 2014
Business Education Technology Academy– Edinburg, TX**,** Robotics Coach   September 2013 – May 2014

CERTIFICATIONS

Adobe CS6 Suite: Photoshop | Premiere Pro | Dreamweaver | Illustrator | InDesign |Flash
CIW Web Foundation Associate: Network Technology Associate | Site Development | Internet Business
IC^3 GS4 Series: Living Online | Key Applications | Computing Fundamentals
Languages: Fluent in English and Spanish; read, write and speak

REFERENCES Available upon request