

# Gibran Garcia

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github.com/owlsketch  
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## EDUCATION

Rutgers University  
New Brunswick, NJ  
*May 2017*  
B.S. in Computer Science  
Minor in Mathematics

## SKILLS

Web Development:  
HTML, CSS, JavaScript,  
Three.js, Node.js, Socket.io,  
Phaser.io, Svg.js

Programming Languages:  
C, C++, Python, Scheme

Software:  
Git, Vim, Unity, Blender,  
Illustrator, Photoshop

Language:  
Spanish (Fluent),  
French (Intermediate)

## EXTRA CURRICULAR

Webmaster  
Rutgers Institute of Electrical  
and Electronics Engineers  
*September 2014 – May 2015*  
Redesigned and maintained  
the website for Rutgers IEEE.

## PROJECTS

### The Gallery

owlsketch.com/the-gallery

- Implemented an interactive 3D art gallery made with Three.js, Node.js, JavaScript, and Python for HackNY at New York University.

### Cardboard VR

rutgersmakerspace.github.io/GoogleCardboardV2/

- Built a virtual reality demo with Three.js and Blender.
- Displayed at events showcasing work done by the Rutgers Division of Continuing Studies.

### File Twist

owlsketch.com/file\_twist

- Designed a web application with JavaScript that allows users to upload content in order to conceptualize their interrelation.

## WORK EXPERIENCE

### Software Programmer

Game Research and Immersive Design, Rutgers University

*June 2015 – Present*

- Create programs, used in research and education, dealing with methods of study that can be simulated through gaming.
- Developed a game on stochastic events, in order to study network protection, with Phaser.io, Node.js, and Socket.io.
- Worked on a 3D simulation of electromyogram and nerve conduction studies using Unity and scripting in C#.

### IT Helpdesk

School of Communication and Information, Rutgers University

*February 2015 – August 2015*

- Provided technical assistance and support related to software, hardware, and computer systems.
- Implemented a script to optimize inventory naming system in order to prevent accidental reuse of serial numbers.
- Trained all incoming support staff.

## LEADERSHIP EXPERIENCE

### Co-President

Rutgers Makerspace

*September 2015 – Present*

- Initiate and run educational workshops that aim to teach members skills associated with 3D printing, laser cutting, and microcontrollers.
- Coordinate the organization of events amongst all active participating members.