# Ryan M. Chambers

**User Centered System Designer  -  Web Programmer**

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## EDUCATION

**University of California,** San Diego — *BS Cognitive Science, Specialized in Human-Computer Interaction; Minor in Computer Science*

AUGUST 2015 - MARCH 2019

**San Marcos High School,** San Marcos, CA

AUGUST 2013 - MAY 2015

## PROJECTS

### Augmented Connection

Augmented Connection is an **AR application** in **pervasive healthcare**, intending to better connect healthcare providers with patients who speak foreign languages, or are otherwise unfamiliar with medical terminology.

**Tech Stack -** Microsoft Hololens, Azure API, Amazon Natural Language Processing API, Bluetooth Audio Feeds, Unity/C#

### NeuroViz

NeuroViz is an **informatics**-based study aide that shortens the **onboarding process** for Cognitive Science students new to neuroscience.

**Tech Stack -** Node.js (JavaScript), Bootstrap API, 3D Brain Model API, HTML and CSS (Desktop Web Application)

### Imperia (Work in Progress)

Imperia is an **Ethereum blockchain** based social networking application intending to bring the virtual and physical worlds together. Via a **game-like interface**, users can customize their profiles to be themselves, extended.

**Tech Stack -** Node.js (JavaScript), Web3.js API (ETH Blockchain), Loom Network, TBD

## WORK EXPERIENCE

### UCSD - Housing, Dining, and Hospitality — *Server*

OCTOBER 2015 - PRESENT

*Skills: Time management, interaction with high-level clientele, calm and professional demeanor, independence, team organization, and execution of complex events.*

## SKILLS

**Project Roles**

* UX Designer

* Prototyper (Low to High Fidelity)

* Interaction Designer

* User Researcher and Tester

* Programmer

**Programming Languages/Environments**

*C, C++, C#, Java, JavaScript, HTML, CSS, Blockchain Technology, Unity Environment, Git, Bash Shell (Unix Command-Line)*

## AWARDS

**California Scholarship Federation**

**National Honor Society**

## LANGUAGES

**English**; familiar with **Spanish**

## PERSONAL WEBSITE

[ryanmchambers.me](http://ryanmchambers.me)