

# Ryan Winstead

Full stack developer

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## Experience

### Full stack web developer

Atlanta City Government, Aug 2020 – present (Master's project)

**Developed the backend of [NoMasDesalojos.com](http://NoMasDesalojos.com)**, a tool that helps tenants file the CDC moratorium on evictions. Backend is built in Flask (python), which uses Twilio, DocuSign, and Bitly APIs to text the user a pre-filled CDC letter.

**Sole developer** of the [Mi Casa Mis Derechos](http://Mi Casa Mis Derechos) (MCMD) mobile website, built in Gatsby (React). MCMD uses visual storytelling to help tenants understand their rights in crisis situations.

### Lead developer

DILAC Lab at Georgia Tech, May 2020 – May 2021

**Led a team of Unity developers** on the creation of [Dino-Store](http://Dino-Store), a game that explores the consequences of public policy and personal choices while shopping in public during COVID-19. Submitted to IndieCade 2021.

**Engineered a COVID epidemiological model in C#** for Dino-Store in partnership with a COVID-19 researcher at Georgia Tech. Exported the model as a Unity package for other developers to use, and presented the package at IndieCade's Jamming the Curve event.

### Digital Communications Officer

The Fund for Global Human Rights, May 2016 – Oct 2019

**Manager** of the organization's CMS, Salesforce database, and digital communications strategy. Led the organization's website redesign, overseeing the RFP and vendor selection process, as well as the design and build of the site.

## Projects

### Women of the Olympics

Built an [interactive visualization](#) in D3.js of the history of women's participation in the Olympics. Wrote python scripts to clean and aggregate the 30k+ rows of data.

### Creative Coding

Creative projects built in P5.js and OpenGL: [orthographic cube](#), [truchet names](#), [supershapes](#) (requires webcam)

## Skills

**Languages:** Javascript, CSS, Python, SQL, C#, OpenGL • **Tools:** Git, React, D3, Unity, Flask, Node, Gatsby, Netlify  
• **Design:** Figma, Illustrator, Sketch, Miro

## Education

### Georgia Institute of Technology

Aug 2019 – May 2021

MS in Human Computer Interaction

### University of Kentucky

Aug 2011 – May 2015

BA in English Literature, BA in Gender Studies