

Anton Koenig

<https://www.linkedin.com/in/antonckoenig>

<https://antonkoenig.com> (Project Demos)

he/him/his

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EDUCATION

University of Massachusetts Amherst | College of Information and Computer Sciences — *B.S. in Computer Science*

Aug 2020 - May 2024 (Expected) | **GPA: 3.4** | Commonwealth Honors College Student

Relevant Coursework: Intro Problem Solving w/ Computers, A Networked World, Calculus II, Multivariate Calculus, Programming w/ Data Structures, Intro C Programming language, Computer Systems Principals, Intro Linear Algebra

EXPERIENCE

Freelance Web Development — *Web Developer & Graphic Designer*

May 2018 - Present

Designed, developed and deployed numerous websites (and branding/logos) for clients using various technologies (ie. AWS, Wordpress, Nginx). Past clients include: Actor Michael Rainey Jr, Newton Coalition for Change, Stonewall Landscapes... Currently working with Massachusetts Black Lawyers Association, (<https://mablacklawyers.org>). Website: <https://antonwebdesign.com>

Lexington Web Design — *Web Designer & Content Manager*

Feb 2017 - Mar 2017

Volunteered to create a modern & responsive website for the nonprofit rainforest foundation, O2 For Life (<https://o2forlife.org>). Increased awareness, conservation trip sign ups and online footprint. Handled media and created several pages.

HIGHLIGHTED PROJECTS (<https://github.com/antonckoenig>)

AI Racecars

Jul 2021 | <https://github.com/antonckoenig/AI-Racecars> | [Video Demo](#) | [Live Web Demo](#)

2D cars are naturally selected and evolved based on their driving abilities on randomly generated tracks (w/ an original algorithm) using Neural Networks.

Online Multiplayer Game

Mar 2019 - Jul 2019 | <https://github.com/antonckoenig/BuildnShoot> | [Video Demo](#)

Play in an open arena with a modifiable game world. Web socket based client-server synchronization allows for continuous player joining/leaving, low latency, and anti-cheat gameplay. Built-from-scratch responsive rendering.

MORE PROJECTS

Avalon Online

Dec 2020

Recreation of a social deduction card game w/ Node.js for remote play during pandemic.

Covid Data Visualized

Jan 2021 - Feb 2021

Interactive geographical data visualization of corona virus hotspots and vaccination sites.

Digital Bridges

Sep 2017 - May 2020

Co Founded a nonprofit aimed at bridging the digital divide by donating technology to schools in need. nhsdigitalbridges.com

LANGUAGES & TOOLS

Java, Python, Javascript, C, C++, C#, HTML/CSS, PHP, SQL

AWS, Flask, Node.js, Git, Adobe Photoshop, Illustrator, Adobe Flash, Wordpress, cPanel, Shopify, Slack, Chrome Extensions, Selenium, Esri