

**Zachary Kopacz**  
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#### Education

**University of Connecticut** (2019 – 2023)

Degree class of 2023, Computer Engineering

-3.6 GPA

-School of Engineering Dean's List in Fall of 2021 and Spring of 2022

**Senior Design Project** (September 2022 – May 2023)

-Worked with a team sponsored by the Connecticut Transportation Safety Research Center to design and create a mailbox-mounted traffic monitoring device

-Programmed an interface between microcomputer and RADAR module

#### Work Experience

**Program Director at WHUS Radio (Storrs, CT)** (May 2022 – present)

~20 Hrs/Week

-Scheduled radio broadcasts using Rivendell Audio software

-Directed staff of over 50 DJs to ensure 24-hour radio broadcast ran in accordance with FCC and station guidelines

**Talk Director at WHUS Radio (Storrs, CT)** (June 2021 – May 2022)

~12 Hrs/Week

-Published podcasts to various platforms (including Spotify, Apple Music, etc.) using WordPress extensions

-Facilitated weekly meetings to assist community members in the creation of podcasts and Public Service Announcements

**Project Assistant at TRC (Windsor, CT)** (Jul 2018 – Aug 2018)

~30 Hrs/Week

-Created multiple environmental compliance reports using Microsoft Excel, Microsoft Word, and Adobe Acrobat

**Intern at Iuvo Technologies (Acton, MA)** (Jul 2015 – Jul 2016)

25 Hrs/Week

-Took part in and completing various hardware and software projects involving the C programming language and Unix shell scripting

#### Extracurricular Activities

**Personal Website/Programming Projects: picklesrevel.com** (2011 – present)

-Showcased original music, articles, and programming projects (described below)

-Used C and QB64 to create programs involving networking protocols, real-time 3D voxel rendering, real-time ray-casting rendering, and real-time physics interactions

#### Skills

-C, MATLAB, RISC-V assembly, Python, Java

-Multithreaded programming, Microcontroller programming