

# Ethan Hunter

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## EDUCATION

### The Ohio State University

*Honors Bachelor of Science in Computer Science and Engineering*

Cumulative GPA: 3.6

Columbus, OH

Expected May 2023

Major GPA: 3.9

## WORK EXPERIENCE

August 2020 –  
June 2021

### The Ohio State University, Department of Computer Science and Engineering

Columbus, OH

*Undergraduate Teaching Assistant*

- Undergraduate Teaching Assistant for CSE 2221: Software Components
- Taught foundations of software engineering and testing design-by-contract principles
- Assisted with course lab sessions, graded software projects, and held office hours

January 2022-  
Present

### The Builders Exchange, Inc

Cleveland, OH

*Full Stack Intern*

- Worked with Google Tesseract to OCR architectural plans for better categorization.
- Worked with WinForms to design and develop internal use menus for staff
- Worked with HTML JavaScript and CSS to redesign older parts of the member website

## TECHNICAL EXPERIENCE

### My PM Presentation Manager

- Web based presentation scheduling and feedback manager.
- Built using Ruby on Rails and includes login and administrator control using hashed password storage.

### Health Pet

- Android app built using Kotlin, Firebase, MVVM, and Google Fit API.
- Records step, sleep, and study goals and gives the user points they can use to care for their Pet.

### Movie Recommendation Algorithm

- Provided users with five movie recommendations based on an inputted movie they enjoy.
- Used item-item content based to find the top five highest rated movies among other users that rated the inputted movie highly. Comparisons done with K-nearest neighbors
- Data From the Movie Lens Dataset

### Personal Website

- My portfolio website was made with bootstrap and Django
- Hosted on pythonanywhere
- Includes a working contact form that emails me without launching an email popup

## RELEVANT COURSEWORK

- Software Development and Design
- Software Engineering Techniques
- Low-Level Programming/ Computer Organization
- Web Development
- Networking
- Neural Networks
- Data Structures and Algorithms
- Operating Systems
- Database Systems
- Artificial Intelligence
- Mobile App Development
- Computer Game Animation

**Languages:** Java, C, C++, Ruby, Python, HTML, CSS, JavaScript, Kotlin, React, Bootstrap

**Other technologies:** Git, SQL, Wireshark, Linux, Rails, Middleman, Android Studio, IronOCR, WinForms, Django