

# Ethan Kuoch

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## EDUCATION

### Drexel University

Bachelor of Science in Computer Science (GPA: 3.83)

Philadelphia, PA

Anticipated Graduation: June 2025

## SKILLS

**Tools:** Visual Studio Code, GitHub, Unity

**Programming:** Python, HTML, CSS

## PROJECTS

### Delta

Mar. 2021 – June 2021

*Developer*

*Philadelphia, PA*

- Developed a 2D space-explorer game for players to explore, encounter enemies, and gain rewards
- Coordinated with a team of 4 to make, manage, and maintain tasks
- Applied Agile methodology to document and iterate development process
- Used Unity and C# to build game environment, functionality, and UI

### Hearthstone Deck Saver (<https://tinyurl.com/5a67ne2z>)

Apr. 2021 – May 2021

*Full-Stack Developer*

*North Wales, PA*

- Built a web app that saves Hearthstone decks using deck codes as input
- Incorporated Django forms and SQLite3 to handle and save deck data
- Implemented Blizzard API to request card data and card decks
- Coded using HTML, CSS, Python, and Django

### Only Philly Sports (<https://tinyurl.com/3m3e3rw2>)

Mar. 2021

*Full-Stack Developer*

*North Wales, PA*

- Created a Microsoft Edge extension that displays scheduled Philadelphia sports games
- Implemented live and final scores using API endpoints
- Overhauled code to repair critical errors that prevented scores and dates to be shown
- Programmed using HTML, CSS, and JavaScript

### Shot Clock (<https://tinyurl.com/4mta2t9k>)

Feb. 2021 – Mar. 2021

*Full-Stack Developer*

*North Wales, PA*

- Developed a web app that displays statistics of a chosen NBA player
- Applied user input of an NBA player's name to request data from Python library NBA\_API
- Utilized Django forms to receive and request user-entered data
- Created using HTML, CSS, Python, and Django

## EXPERIENCE

### University of Waterloo Catalyst Summer Program

July 2017

*Catalyst Student*

*Waterloo, Ontario, Canada*

- Engineered and designed a smart door lock product in a team of 4
- Applied NFC chip signals with smart home security for resident protection
- Presented to a panel of startup managers and upper graduate students
- Researched and collaborated with group members to meet deadlines

## ACTIVITIES

Drexel Algorithms and Data Structures

Jan. 2021 – Present

Drexel CyberDragons

Sep. 2020 – Present

Drexel Chess Club

Sep. 2020 – Present

Drexel Esports & Gaming Association

Sep. 2020 – Present

## RELEVANT COURSEWORK

Introduction to Computer Science

Computer Programming I, II

Computing and Informatics Design I, II, III

Calculus I, II, III

## AWARDS

A.J. Drexel Scholarship, Drexel University

Sep. 2020 – Present