

# Alec Coyner

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## Education

**Georgia Institute of Technology** | Bachelor of Science in Computer Science Exp: May 2024

- GPA: 3.2/4.0
- Concentrations: Information Internetworks & Systems Architecture
- Dean’s List Recipient, Faculty Honors

### Relevant Coursework:

- Computing for Engineers (MATLAB)
- Discrete Mathematics
- Object-Oriented Programming (Java)
- Data Structures and Algorithms for Applications (Java)
- Objects and Design (Java)
- Computer Organization and Programming (C)

## Relevant Experience

**Research Intern** | Computing and Society Lab - Georgia Institute of Technology 05/2022 – Present

- Designed and developed methods for measuring cellular connectivity in rural areas and increasing access to the internet in rural and indigenous communities
- Researched and mapped large-scale datasets of cellular connectivity using GIS software

## Skills

**Programming:** Java | C | HTML/CSS | JavaScript | Python | MATLAB

**Software:** React | AWS | JUnit | Git | Docker | Linux | GIS

**Affiliations:** Sigma Nu Fraternity

## Projects

**Tower Defense Game** | CS 2340: Objects and Design

- Created and implemented tower defense game using JavaFX
- Included varying difficulty levels, multiple towers and enemies, and gameplay choices that affected user experience
- Utilized object-oriented programming and design patterns to create efficient and easy-to-use game for better user experience

## Work Experience

**Administrative Assistant** | Chesapeake Pediatrics | Annapolis, MD

06/2016 – 08/2021

- Greeted and proactively assisted visitors in a timely manner
- Served as a point of contact for incoming phone calls, addressing inquiries, and resolving concerns

**Activity Coordinator** | Busy Bodies Gym | Stevensville, MD

06/2017 – 08/2019

- Managed facilities, ensuring cleanliness and order
- Designed and led games for kids