

## EDUCATION

---

**Newark, NJ** **New Jersey Institute of Technology** **September 2018 – August 2021**

- B.S in Information Technology specialization in Game Development, Minor Computer Science
- **Undergraduate Coursework:** Operating Systems, Programming Languages Concepts, Intensive Programming in Linux, Deep Learning for Games, Internet Applications

**Technical Skills:** C/C++, C#, Python (3yrs), Git (2yrs), PHP, Visual Studio, Unity, Blender

**Toms River, NJ** **Ocean County College** **September 2016 – May 2018**

- A.S in Mathematics, May 2018.
- **Undergraduate Coursework:** Data Structures and Analysis, Database Management, Discrete Math, Linear Algebra, Calculus III

**Technical Skills:** Java (2yrs), MySQL (2yrs), HTML/CSS (2yrs), JavaScript, Eclipse, Visual Studio Code

## Work Experience

---

**Software Engineer Intern** **Viocare** **January 2021 – May 2021**

- Working on Web Application for dietary studies using **Vue.js, .NET Core, and MSSQL**.
- Database migration for new food data to be import for Dietary and Nutrition studies with **MSSQL**.
- Developing new Rest API for dietary behaviors using **.NET Core**.

**Software Engineer Intern** **KAR Global** **September 2020 – December 2020**

- Worked on Web Application for vehicle shipping services using **React.js, .NET Core, and MSSQL**.
- Configure current web application to work with **Playwright Library** to automate end-to-end testing which results in doing the manual tasks that took 20 mins to 2 mins reducing time spent on tests.
- Developed new web pages using **React.js and refactor C#** code which results in faster load times.

## TECHNICAL EXPERIENCE

---

**Forest Mapper, Group Project** **January 2021 – May 2021**

- Using **Swift and Python** to create an iOS application that leverages the iPhone camera and Neural Networks models to map the composition of a forest.

**Virtual Gift Cards (Gyftgram), Capstone Project** **January 2020 – May 2020**

- Using **Angular, Express.js, Node.js, and MongoDB (MEAN)** to add a promotions code feature to the website and update the processing of fees on the website.

**Spoons (Assassins Game), Group Project** **September 2019 – May 2020**

- Used **HTML, CSS, JavaScript, and PHP** to create a web game based on the assassin's game for an event call battle of the halls.

## ACTIVITIES / LEADERSHIP

---

**Association for Computing Machinery, Information Technology Tutor** **February 2020 – April 2020**

- Courses: Information Design Techniques, Internet Applications
- Led weekly office hours to 10+ students, debugging in **C#, JavaScript, and PHP** homework assistance.

**Developer Students Club, Co-founder & Vice President** **September 2019 - May 2020**

- Spearhead new initiative to create undergraduate developer student club.
- Collaborate to plan a cloud computing workshop around the google cloud platform.

**Residence Hall Association (RHA), Technology Officer** **July 2019 - June 2020**

- Using **React.js** to create a website for the RHA organization to use for posting event details, budget updates, meeting minutes notes, and games.
- As a mentor to the hall council duties is to be a liaison to the hall council for the RHA organization and to give the guidelines on the dos and don'ts of a hall council.
- Collaborate to plan the annual Round Table Training Day for all the new hall councils form after the elections.

## AWARDS

---

**Undergrad Research and Innovation Student Grant (2019-2020):** The team awarded 3,000 dollars for a research project on solar aerial vehicles.