

# Karteikay (Karty) Dhuper

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## EDUCATION

**Purdue University** - West Lafayette, IN

**May 2024**

Major: Bachelor of Science, Computer and Information Technology

Minor: Art and Design, Specialization in Electronic & Time-Based Art

Honors/Awards: Dean's List, Alpha Lambda Delta and Phi Eta Sigma Honor Society Inductee

GPA: 3.93 / 4.0

### Relevant Coursework & Topics

Object-Oriented Programming (Java), Software Development Concepts (Python), Systems Development, Computer Architecture, Database Fundamentals, System Analysis and Design Methods, Statistics, Design Thinking in Technology

## PROJECTS

### Portfolio Website (HTML + CSS + JavaScript + Bootstrap)

- Designed and developed a portfolio website for myself from the ground up. Link: <https://www.kartydhpr.com>
- Utilized coding principles that maximized efficiency alongside design principles that made the user experience enjoyable.

### Brightspace Auto-Login Program (Python)

- Built a web automation program enabled by Selenium that automatically inserted two-factor authentication pin into login portal.

### Downloads Manager (Python)

- Built Python script that utilized watchdog observer to organize downloads folder by file type.

### Wheel of Fortune Game on Command Line (Python)

- Programmed a single player Wheel of Fortune game to be played on the terminal command line.

### Weight Mapper iOS App (Swift)

- Developed iOS app utilizing charts framework and bluetooth functionality to help user visualize weight-loss progress.

## WORK EXPERIENCE

### Disability Resource Center Employee (Note-taker)

**Nov. 2021 - Current**

Purdue University

West Lafayette, IN

- Organized effective notes consistent with class material for differently-abled student that requested help through the DRC.
- Consolidated lecture notes in color coordinated manner to allow for easier readability and increased retention.
- Maintained email correspondence with DRC client to ensure that materials were being received in a timely manner.

### Student Software Engineering Intern (Java + C# + SQL + XML)

**May 2019 - Aug. 2019**

NIIT China Ltd.

Shanghai, China

- Responsible for Front + Back-End development. While communicating with client and mentor to ensure all requirements were met on-time and as promised.
- Creation and utilization of Middleware (coded in Java) to manipulate database using SQL commands.
- Native app experience delivered for iOS and Android using C# in Xamarin.

## ACTIVITIES

### Association of Information Technology Professionals, General Member

**Aug. 2020 – Present**

- Engaged in club meetings including industry discussion, tech chats with professionals, and peer dialogue to optimize career planning

### Purdue Hackers, General Member

**Jan. 2021 – Present**

- Attended and engaged in workshop meetings to build and strengthen technological skills by utilizing cutting-edge technologies to build projects. Purdue Hackers is the largest Computer Science organization at Purdue.

## SKILLS AND INTERESTS

**Languages:** English (Fluent), Mandarin Chinese (Fluent), Hindi (Fluent)

**Programming/Concepts:** Python, Java, C#, Swift, HTML, CSS, Javascript, MySQL, XML, Agile Development, Scrum Methodology

**Software:** IntelliJ IDEA, Xcode, Visual Studio Code, Oracle SQL Developer, Unreal Engine 4, Xamarin, Office 365, Adobe Suite

**Interests:** Interactive entertainment, VR/AR, Machine Learning, App & Game Development, Intersection between Art & Technology