

Channdavel Kong

✉ channdavel@gmail.com

 channdavel

📁 channdavel.me

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Education

University of Pittsburgh, Pittsburgh, PA

Expected December 2026

Bachelor of Science in Information Science, Certificate in Children's Literature

GPA: 3.50/4.0

- **Coursework:** Intermediate Programming, Statistics, Linear Algebra, Data Analysis, Networks and Information, Analysis of Information Systems
- **Extracurriculars:** Computer Science Club, Official Association for Students of Information Science

Experience

Epic Games, Remote

Jan 2024 – Present

Freelance Game Developer

- Developing custom Fortnite islands using Epic Games' Verse programming language and Unreal Editor, **generating over 200K+ visits** and maintaining a daily player **retention rate of over 50%**
- Implementing spatial partitioning algorithms and tools such as World Partitioning and Hierarchical Level of Detail (HLODs), **reducing memory usage by 15%** and improving system performance
- Incorporating unit tests to enhance code quality, resulting in fewer post-production bugs and decrease in support tickets

Applebee's, Williamstown, NJ

Apr 2024 – Aug 2024

Host

- Enhanced guest experience by promptly addressing guest concerns and requests, **resulting in a 100%** increase in positive customer feedback and higher guest satisfaction scores weekly
- Collaborated with staff to ensure swift and accurate order fulfillment, which **reduced wait times after seating by 35%**

Projects

Flowle | *JavaScript, HTML, CSS*

- Developed a web-based puzzle game where players fill a grid by connecting dots to their assigned color
- Won the Best Beginner Project award out of **24** teams at CSC Hacks 2023 by collaborating with two colleagues, demonstrating proficiency in JavaScript, HTML, and CSS

IP Searcher | *JavaScript, React, Next.js, Tailwind CSS, Google Maps API*

- Developed a web app with React and Next.js that allows a user to search for detailed information about an IP address
- Integrated Google Maps API to display the location of the IP address with a marker on each search request

VMware Virtual Home Lab | *Linux, VMware Workstation 17, Windows Server 2022*

- Installed and deployed a home lab environment with VMware Workstation 17.
- Configured Windows Server 2022 as a domain controller to authenticate and authorize users within the Active Directory (AD), enabling centralized user management with Group Policy and access control

Skills

Languages: Python, Java, JavaScript, C++, SQL, R, Verse, MATLAB, HTML/CSS, \LaTeX

Frameworks: Next.js, React, Tailwind CSS

Tools: Git, Amazon Web Services, Google Cloud Platform, Docker, Linux, Figma, Unreal Engine