Josef Karpinski

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EDUCATION

University of Connecticut — Storrs, CT
Bachelor of Science in Computer Science — *Grad: May 2026*
Bachelor of Arts in Applied Mathematics — *GPA: 4.0 / 4.0*
- College of Engineering Dean's List
- Relevant Coursework: Data Structures, Discrete Systems, Systems Programming, Algorithms & Complexity

PROJECTS

Quizlet to PDF | *Web Development + Chrome API* — July 2023 – Present
- Developing a Google Chrome Extension where users can turn online Quizlet flashcard sets into PDFs that can be printed as physical flashcards
- Coding in JavaScript while utilizing the Chrome Developer API

ValoScout | *Data Analytics + REST API* — June 2023 – July 2023
- Developed a program that allows users to scout and analyze semi-professional VALORANT teams
- Coded in Python whilst utilizing the Riot Games REST API

Circlegame | *Full-Stack + Game Design* — May 2022 – January 2023
- Designed and developed a desktop application to serve as an aim training video game
- Developed in Java using the Processing.org library
- Developed and deployed Circlegame's very own website using HTML, CSS, and JavaScript

CERTIFICATIONS

IBM Full Stack Software Development | *Coursera* — August 2023
- Completed 12 courses on the fundamentals of Cloud Computing and Full Stack Software Development
- Developed full stack applications using frameworks such as React, NodeJS, and Django
- Learned how to utilize essential developer tools such as Git, Docker, and Kubernetes
- Enhanced knowledge on programming languages such as HTML, CSS, JavaScript, Python, and SQL

Google Data Analytics | *Coursera* — August 2023
- Completed 8 courses on the fundamentals of Data Analytics
- Learned key analytical skills such as data cleaning, analysis, and visualization
- Learned how to use essential analytic tools such as spreadsheets, SQL, R Programming, and Tableau.

LEADERSHIP & ACTIVITIES

UConn Competitive Valorant | *Team Captain* — August 2022 – Current
- Organize and communicate important details to team members regarding scheduled practices and matches
- Travel New England whilst competing in numerous collegiate leagues and tournaments

UConn Data Science Club | *Member* — September 2022 – Current
UConn AI Club | *Member* — September 2023 – Current

TECHNICAL SKILLS

Languages: Python, Java, C, R, SQL, HTML, CSS, JavaScript
Frameworks: React, Node.js, Django, Flask, WordPress
Developer Tools: Git, GitHub, Docker, Kubernetes
Libraries: PyTorch, NumPy, Matplotlib, PDF-LIB.js, p5.js, Processing