

# Zachary Kornbluth

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## Experience

### Horizon Media

*AI Consultant - Freelance*

2025-present

*Remote*

- Researched LLMs including Gemini and ChatGPT, leveraging internal data to automate company analysis
- Tested LLM capabilities by uploading proprietary content to accurately retrieve and analyze data

### Epic Systems

*Software Developer*

2021-2023

*Verona, WI*

- Created process to transfer saved macros between released and custom forms, reducing manual reconfiguration
- Developed reusable build utilities to automatically assign orthopedics questionnaires to patients
- Wrote backend C# and frontend TypeScript code to display pending charges on procedure forms
- Built customer facing storyboard display section for rheumatology specialty, enhancing patient case tracking
- Tested 50+ development items to ensure code quality and compliance with quality assurance standards
- Incorporated customer feedback into priority development list

### Amazon

*Software Developer Engineer Intern*

Summer 2020

*Remote*

- Created process to extract Python code from Jupyter notebook, improving code management and reusability
- Wrote Python package to automate bundling of code and shipping to review

### Amazon

*Software Development Engineer Intern*

Summer 2019

*Nashville, TN*

- Created software package to standardize permission models across two web services
- Developed set of 17 Java APIs to act as an access layer between database and web service

### Exiger

*Tech Intern*

Summer 2018

*New York, NY*

- Conducted quality assurance of 3000 results from data scraping software, ensuring data accuracy and integrity
- Tested survey platform software and created 65 surveys on the new platform

## Education

### Northwestern University

*Evanston, IL*

Bachelor of Science: Computer Science, minor in Data Science (2021)

Relevant Coursework: Fundamentals of Computer Programming, Data Structures and Management, Applied

Econometrics, Human-Computer Interaction, Databases, Programming Languages, Natural Language Processing

## Leadership

### Northwestern Football Analytics Team

*Volunteer Analyst*

2018-2021

- Wrote Python scripts to fetch play-by-play data from RESTful API and generate reports on opposing teams

### USFirst FTC Robotics

*Team Captain*

2014-2017

- Founded and led team to CT and NY state competition finals

## Skills, Certifications, and Activities

**Skills:** Python, R/tidyverse, .NET/C#, Java, JavaScript, TypeScript, SQL, HTML5/CSS3, React, Git, SVN, Agile, JSON

**Certifications:** University of Maryland AI and Career Empowerment

**Activities:** USTA Adult Team Tennis, World Cube Association Speedcubing Competitions