

# Zachary Kornbluth

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## 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

## Experience

### Horizon Media

AI Consultant - Freelance

2025

Remote

- Developed AI product to automate media planning, audience development, and activation process
- Tested and refined ability of LLMs to mine and monetize client data and proprietary IP

### Epic Systems

Software Developer

2021-2023

Verona, WI

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

### Amazon

Software Development 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

## Leadership

### Northwestern Football Analytics Team

Student 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 and Certifications

**Skills:** Python, JavaScript, TypeScript, React, R/tidyverse, C#, Java, SQL, HTML5/CSS3, Git, Excel, Tableau, JSON

**Certifications:** Google Cloud Digital Leader, Salesforce Certified Tableau Desktop Foundations,  
University of Maryland AI and Career Empowerment